

**XXXX RAG | 305190**

**XXXXX XXXXX**

|             |                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | XX XXXXX RAG XX XXXXXXX XXXX XXXXX XXXXXXX X-8-XXXXXXXXXX, XXXXXXX XXXXXXXXXXXXXXX XX XXXXX XXXXXXX BALB/c. XX XX XXXX XX<br>XXXX RAG XXXXXXX XXXXX XXXX XX XXXX XXXXXXX XX XXXXX XXXX XXXXXXX XX XXXXXXX XXXXX XXXXX XXXXXXX XXXXX XXXXX XXXX<br>XXXXXXXX XXXXXXX XXXXXXXXXXXXXXX, XXX RAG XXXXXXX XXXXX XXXX XXXXXXX XXXXXXXXXXX XX XXXXX XXXX XXXX XXXXXXXXXXX XXXXXXX |
| Organism    | XXXX                                                                                                                                                                                                                                                                                                                                                                      |
| Tissue      | XXXX                                                                                                                                                                                                                                                                                                                                                                      |
| Disease     | XXXXXXXXXX XX XXXX XXXXX                                                                                                                                                                                                                                                                                                                                                  |
| Synonyms    | XXXXXXXX                                                                                                                                                                                                                                                                                                                                                                  |

**XXXXXXXXXXXX**

|                   |            |
|-------------------|------------|
| Breed/Subspecies  | BALB/c     |
| Morphology        | XXXXXXXXXX |
| Growth properties | XXX        |

**XXXXXXXXXX XXXXXXXXXXXXXXX**

|                      |                                  |
|----------------------|----------------------------------|
| Citation             | RAG (XXXX XXXXXXX Cytion 305190) |
| Biosafety level      | 1                                |
| NCBI_TaxID           | 10090                            |
| CellosaurusAccession | CVCL_3575                        |

**XXXXXXXXXX XXXX- XXXXXXXXXXXXXXX**

|                    |                                   |
|--------------------|-----------------------------------|
| Protein expression | XXXXXXXX-2 XXXXXXX XXXXXXX (ES-2) |
|--------------------|-----------------------------------|

Product sheet

HEK293T RAG | 305190

HEK293T

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Culture Medium              | EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO <sub>3</sub> , w: EBSS (Cytion 820100a)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supplements                 | 10% FBS 1% NEAA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dissociation Reagent        | Trypsin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Subculturing                | Cells are grown in 25 cm <sup>2</sup> flasks in EMEM supplemented with 10% FBS and 1% NEAA. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks at a split ratio of 1:2 to 1:5. Media is changed every 2-3 days.                                                                                                                                                                                                                                                                        |
| Split ratio                 | 1:2 to 1:5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Fluid renewal               | 2 to 3 times per week                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Freeze medium               | EMEM supplemented with 10% FBS and 1% NEAA, mixed with 90% FBS + 10% DMSO                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Thawing and Culturing Cells | <ol style="list-style-type: none"><li>Cells are thawed in a 37°C water bath and immediately seeded into a new flask.</li><li>Media is changed after 24 hours.</li><li>Cells are grown in EMEM supplemented with 10% FBS and 1% NEAA.</li><li>Media is changed every 2-3 days.</li><li>Cells are grown in EMEM supplemented with 10% FBS and 1% NEAA.</li><li>Media is changed every 2-3 days.</li><li>Cells are grown in EMEM supplemented with 10% FBS and 1% NEAA.</li><li>Media is changed every 2-3 days.</li></ol> |
| Incubation Atmosphere       | 37°C, 5% CO <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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