

Product sheet

HEK293-CLDN18.2 | 305986

|             |                 |            |               |       |
|-------------|-----------------|------------|---------------|-------|
| Description |                 |            |               | 6,250 |
|             |                 |            |               |       |
|             | HEK293-CLDN18.2 | 293 HEK293 | 18 2 CLDN18.2 |       |
|             | HEK293-CLDN18.2 | CLDN18.2   | CAR-T CAR-NK  |       |

Organism

|        |  |  |  |  |
|--------|--|--|--|--|
| Tissue |  |  |  |  |
|--------|--|--|--|--|

|         |   |        |  |  |
|---------|---|--------|--|--|
| Disease | / | HEK293 |  |  |
|---------|---|--------|--|--|

|              |          |     |              |          |   |   |
|--------------|----------|-----|--------------|----------|---|---|
| Applications | CLDN18.2 | ADC | CAR-T/CAR-NK | ADCC/CDC | / | / |
|--------------|----------|-----|--------------|----------|---|---|

|     |  |  |  |  |
|-----|--|--|--|--|
| Age |  |  |  |  |
|-----|--|--|--|--|

Gender

|            |  |  |  |  |
|------------|--|--|--|--|
| Morphology |  |  |  |  |
|------------|--|--|--|--|

Cell type

|                   |  |  |  |  |
|-------------------|--|--|--|--|
| Growth properties |  |  |  |  |
|-------------------|--|--|--|--|

|          |                        |        |  |  |
|----------|------------------------|--------|--|--|
| Citation | HEK293-CLDN18.2 Cytion | 305986 |  |  |
|----------|------------------------|--------|--|--|

|                 |   |  |  |  |
|-----------------|---|--|--|--|
| Biosafety level | 1 |  |  |  |
|-----------------|---|--|--|--|

|            |      |  |  |  |
|------------|------|--|--|--|
| NCBI_TaxID | 9606 |  |  |  |
|------------|------|--|--|--|

|                      |           |  |  |  |
|----------------------|-----------|--|--|--|
| CellosaurusAccession | CVCL_E5J2 |  |  |  |
|----------------------|-----------|--|--|--|

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|                      |                       |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
|----------------------|-----------------------|-----------|-------------|---------|----------------|--------|---------|--------|-----|---|------|--|--|--|--|--|--|--|--|--|
| GMO Status           | GMO-S1                | HEK293    | CLDN18.2    |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Surface antigens     | CLDN18.2              |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Receptors expressed  | CDLN18.2              |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Culture Medium       | RPMI 1640             | w         | 2.0 mM      | w       | 2.0 g/L NaHCO3 | Cytion | 820700a |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Supplements          | 10% FBS               | 1 mM      | 10 mM HEPES | 1% NEAA | 5 µg/mL        |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Dissociation Reagent | -EDTA                 |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Doubling time        | 24-36                 |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Subculturing         |                       |           | PBS         | PBS5%   | 2-3            | /EDTA  | T25     | 1      | T75 | 3 | 37°C |  |  |  |  |  |  |  |  |  |
| Split ratio          | 1 5                   |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Seeding density      | 2 4×10 <sup>4</sup> / |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Fluid renewal        | 2 3                   |           |             |         |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Post-Thaw Recovery   | 1:2                   | 1:3       | T25         | 24      |                |        |         |        |     |   |      |  |  |  |  |  |  |  |  |  |
| Freeze medium        | FBS                   | +10% DMSO | CM-1        | Cytion  | 800100         | CM-1   | Cytion  | 800100 |     |   |      |  |  |  |  |  |  |  |  |  |

## Thawing and Culturing Cells

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

## Incubation Atmosphere

37°C, 5% CO<sub>2</sub>,

## Shipping Conditions

-78 °C

## Storage Conditions

-150   -196   -80 °C

## Sterility

PCR