

TM4 | 305170

|                             |                   |     |      |    |         |     |     |
|-----------------------------|-------------------|-----|------|----|---------|-----|-----|
| <b>Description</b>          | TM4               | FSH | cAMP | LH | sertoli | FSH | FSH |
| <b>Organism</b>             |                   |     |      |    |         |     |     |
| <b>Tissue</b>               |                   |     |      |    |         |     |     |
| <b>Synonyms</b>             | TM-4              |     |      |    |         |     |     |
| <b>Breed/Subspecies</b>     | BALB/c            |     |      |    |         |     |     |
| <b>Age</b>                  | 11 13             |     |      |    |         |     |     |
| <b>Gender</b>               |                   |     |      |    |         |     |     |
| <b>Morphology</b>           |                   |     |      |    |         |     |     |
| <b>Growth properties</b>    |                   |     |      |    |         |     |     |
| <b>Citation</b>             | TM4 Cytion 305170 |     |      |    |         |     |     |
| <b>Biosafety level</b>      | 1                 |     |      |    |         |     |     |
| <b>NCBI_TaxID</b>           | 10090             |     |      |    |         |     |     |
| <b>CellosaurusAccession</b> | CVCL_4327         |     |      |    |         |     |     |
| <b>Receptors expressed</b>  | FSH               |     |      |    |         |     |     |
| <b>Protein expression</b>   |                   |     |      |    |         |     |     |

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|                           |     |
|---------------------------|-----|
| <b>Antigen expression</b> | H-Y |
|---------------------------|-----|

**Tumorigenic**

|                       |                    |            |              |                |           |                   |        |
|-----------------------|--------------------|------------|--------------|----------------|-----------|-------------------|--------|
| <b>Culture Medium</b> | DMEM:Ham's F12 1:1 | w: 3.1 g/L | w: 2.5 mM L- | w: 15 mM HEPES | w: 0.5 mM | w: 1.2 g/L NaHCO3 | Cytion |
|-----------------------|--------------------|------------|--------------|----------------|-----------|-------------------|--------|

**Supplements** 2.5% FBS 5%

|                             |          |
|-----------------------------|----------|
| <b>Dissociation Reagent</b> | Accutase |
|-----------------------------|----------|

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

|                      |     |
|----------------------|-----|
| <b>Fluid renewal</b> | 2 3 |
|----------------------|-----|

**Freeze medium** FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

|                                    |    |         |     |         |
|------------------------------------|----|---------|-----|---------|
| <b>Thawing and Culturing Cells</b> | 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. |         |     |         |

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**Incubation  
Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing  
Procedure** -78 °C

**Shipping  
Conditions** -78 °C

**Storage  
Conditions** -150 -196 -80 °C

/ **/HLA**

**Sterility** PCR