

## TIMP4 Knockout cell line (A549)

**Catalog Number:** KO35013

| Product Information        |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | TIMP4 Knockout cell line (A549)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                        |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                       |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                               |
| Passage ratio              | 1:3~1:4                                                                                                                                                                  |
| species                    | Human                                                                                                                                                                    |
| Gene                       | TIMP4                                                                                                                                                                    |
| Gene ID                    | 7079                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                  |
| Mycoplasma testing         | Negative                                                                                                                                                                 |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                         |
| Parental Cell Line         | A549                                                                                                                                                                     |
| Quality Control            | Genotype: TIMP4 Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins. |

| Gene Information        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | TIMP metalloproteinase inhibitor 4 provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                              |
| Also known as           | TIMP-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Description        | This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008] |
| Expression              | Biased expression in fat (RPKM 76.2) and brain (RPKM 10.2) See more                                                                                                                                                                                                                                                                                                                                                                                              |