

## MTG2 Knockout cell line (HEK293)

Catalog Number: KO28237

### Product Information

|                            |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | MTG2 Knockout cell line (HEK293)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                         |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                        |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                |
| Passage ratio              | 1:3~1:6                                                                                                                                                                   |
| species                    | Human                                                                                                                                                                     |
| Gene                       | MTG2                                                                                                                                                                      |
| Gene ID                    | 26164                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                           |
| Parental Cell Line         | HEK293                                                                                                                                                                    |
| Quality Control            | Genotype: MTG2 Knockout cell line (HEK293) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins. |

### Gene Information

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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | mitochondrial ribosome associated GTPase 2provided by HGNC                                                                                                                                                                                                                                               |
| Also known as           | ObgH1; GTPBP5; dJ1005F21.2                                                                                                                                                                                                                                                                               |
| Gene Description        | Small G proteins, such as GTPBP5, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]).[supplied by OMIM, Mar 2008] |
| Expression              | Ubiquitous expression in testis (RPKM 3.6), skin (RPKM 3.3) and 25 other tissues See more                                                                                                                                                                                                                |