

## ORMDL2 Knockout cell line (HEK293)

**Catalog Number:** KO27169

| Product Information        |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | ORMDL2 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                       | ORMDL2                                                                                                                                                                      |
| Gene ID                    | 29095                                                                                                                                                                       |
| Build method               | Electric rotation method / virus method                                                                                                                                     |
| Mycoplasma testing         | Negative                                                                                                                                                                    |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                             |
| Parental Cell Line         | HEK293                                                                                                                                                                      |
| Quality Control            | Genotype: ORMDL2 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        |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | ORMDL sphingolipid biosynthesis regulator 2provided by HGNC                                                                                                                                                     |
| Also known as           | MST095; HSPC160; MSTP095; adoplín-2                                                                                                                                                                             |
| Gene Description        | Involved in ceramide metabolic process. Acts upstream of or within negative regulation of ceramide biosynthetic process. Located in endoplasmic reticulum. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in esophagus (RPKM 18.1), colon (RPKM 18.0) and 25 other tissues See more                                                                                                                 |