

## FRRS1 Knockout cell line (HEK293)

**Catalog Number:** KO17545

| Product Information        |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | FRRS1 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                       | FRRS1                                                                                                                                                                      |
| Gene ID                    | 391059                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                    |
| Mycoplasma testing         | Negative                                                                                                                                                                   |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                            |
| Parental Cell Line         | HEK293                                                                                                                                                                     |
| Quality Control            | Genotype: FRRS1 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 | ferric chelate reductase 1provided by HGNC                                                                                                                                                                                              |
| Also known as           | SDR2; SDFR2                                                                                                                                                                                                                             |
| Gene Description        | Members of the cytochrome b561 (CYB561; MIM 600019) family, including FRRS1, reduce ferric to ferrous iron before its transport from the endosome to the cytoplasm (Vargas et al., 2003 [PubMed 14499595]).[supplied by OMIM, Mar 2008] |
| Expression              | Broad expression in liver (RPKM 6.9), placenta (RPKM 5.3) and 22 other tissues See more                                                                                                                                                 |