

## MRRF Knockout cell line (U-2932)

**Catalog Number:** KOA36738

| Product Information        |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | MRRF Knockout cell line (U-2932)                                                                                                                                        |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                       |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen                                                                                                                            |
| Cell morphology            | Human Lymphocyte-like, suspension                                                                                                                                       |
| Passage ratio              | 1 : 2-1 : 4                                                                                                                                                             |
| species                    | Human                                                                                                                                                                   |
| Gene                       | MRRF                                                                                                                                                                    |
| Gene ID                    | 92399                                                                                                                                                                   |
| Build method               | Electroporation/Lentivirus                                                                                                                                              |
| Mycoplasma testing         | negative                                                                                                                                                                |
| Cultivation system         | 90%RPMI-1640+10%FBS                                                                                                                                                     |
| Price (USD)                | Inquiry                                                                                                                                                                 |
| Parental Cell Line         | U-2932                                                                                                                                                                  |
| Quality Control            | Genotype: MRRF Knockout cell line (U-2932)>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 | mitochondrial ribosome recycling factorprovided by HGNC                                                                                                                                                                                                                                                                                                                                                                           |
| Also known as           | RRF; MRFF; MTRRF                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description        | This gene encodes a ribosome recycling factor, which is a component of the mitochondrial translational machinery. The encoded protein, along with mitochondrial elongation factor 2, functions in ribosomal recycling at the termination of mitochondrial translation by mediating the disassembly of ribosomes from messenger RNA. A pseudogene of this gene has been identified on chromosome X. [provided by RefSeq, Oct 2016] |
| Expression              | Ubiquitous expression in testis (RPKM 8.8), duodenum (RPKM 7.8) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                     |