

## RRM2B Knockout cell line (U-2932)

Catalog Number: KOA40621

### Product Information

|                            |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | RRM2B 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                       | RRM2B                                                                                                                                                                    |
| Gene ID                    | 50484                                                                                                                                                                    |
| 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: RRM2B 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

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| Gene Official Full Name | ribonucleotide reductase regulatory TP53 inducible subunit M2Bprovided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Also known as           | P53R2; RCDFRD; MTDPS8A; MTDPS8B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Description        | <p>This gene encodes the small subunit of a p53-inducible ribonucleotide reductase. This heterotetrameric enzyme catalyzes the conversion of ribonucleoside diphosphates to deoxyribonucleoside diphosphates. The product of this reaction is necessary for DNA synthesis. Mutations in this gene have been associated with autosomal recessive mitochondrial DNA depletion syndrome, autosomal dominant progressive external ophthalmoplegia-5, and mitochondrial neurogastrointestinal encephalopathy. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2010]</p> |
| Expression              | Ubiquitous expression in thyroid (RPKM 25.9), adrenal (RPKM 13.2) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |