

## MORC2 Knockout cell line (U-2932)

**Catalog Number:** KOA41855

| Product Information        |  |
|----------------------------|--|
| Product Name               | MORC2 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                       | MORC2  |
| Gene ID                    | 22880  |
| 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: MORC2 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 | MORC family CW-type zinc finger 2provided by HGNC  |
| Also known as           | ZCW3; CMT2Z; DIGFAN; ZCWCC1  |
| Gene Description        | This gene encodes a member of the Microorchidia (MORC) protein superfamily. The encoded protein is known to regulate the condensation of heterochromatin in response to DNA damage and play a role in repressing transcription. The protein has been found to regulate the activity of ATP citrate lyase via specific interaction with this enzyme in the cytosol of lipogenic breast cancer cells. The protein also plays a role in lipogenesis and adipocyte differentiation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016] |
| Expression              | Broad expression in testis (RPKM 20.8), ovary (RPKM 5.3) and 24 other tissues See more   |