

## QTRT2 Knockout cell line (TPC-1)

**Catalog Number:** KOA53515

| Product Information        |   |
|----------------------------|---|
| Product Name               | QTRT2 Knockout cell line (TPC-1)  |
| specification              | 1*10 <sup>6</sup>   |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen  |
| Cell morphology            | Epithelial-like, adherent   |
| Passage ratio              | 1:5-1:8   |
| species                    | Human   |
| Gene                       | QTRT2   |
| Gene ID                    | 79691   |
| Build method               | Electroporation/Lentivirus  |
| Mycoplasma testing         | negative  |
| Cultivation system         | 90%DMEM+10%FBS  |
| Price (USD)                | Inquiry   |
| Parental Cell Line         | TPC-1   |
| Quality Control            | Genotype: QTRT2 Knockout cell line (TPC-1)>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 | queuine tRNA-ribosyltransferase accessory subunit 2provided by HGNC  |
| Also known as           | QTRTD1   |
| Gene Description        | This gene encodes a subunit of tRNA-guanine transglycosylase. tRNA-guanine transglycosylase is a heterodimeric enzyme complex that plays a critical role in tRNA modification by synthesizing the 7-deazaguanosine queuosine, which is found in tRNAs that code for asparagine, aspartic acid, histidine, and tyrosine. The encoded protein may play a role in the queuosine 5'-monophosphate salvage pathway. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012] |
| Expression              | Ubiquitous expression in lymph node (RPKM 5.0), spleen (RPKM 4.9) and 25 other tissues See more  |