

## FHIT Knockout cell line (TPC-1)

**Catalog Number:** KOA62169

| Product Information        |                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | FHIT 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                       | FHIT                                                                                                                                                                   |
| Gene ID                    | 2272                                                                                                                                                                   |
| Build method               | Electroporation/Lentivirus                                                                                                                                             |
| Mycoplasma testing         | negative                                                                                                                                                               |
| Cultivation system         | 90%DMEM+10%FBS                                                                                                                                                         |
| Price (USD)                | Inquiry                                                                                                                                                                |
| Parental Cell Line         | TPC-1                                                                                                                                                                  |
| Quality Control            | Genotype: FHIT 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 | fragile histidine triad diadenosine triphosphataseprovided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Also known as           | FRA3B; AP3Aase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Description        | The protein encoded by this gene is a P1-P3-bis(5'-adenosyl) triphosphate hydrolase involved in purine metabolism. This gene encompasses the common fragile site FRA3B on chromosome 3, where carcinogen-induced damage can lead to translocations and aberrant transcripts. In fact, aberrant transcripts from this gene have been found in about half of all esophageal, stomach, and colon carcinomas. The encoded protein is also a tumor suppressor, as loss of its activity results in replication stress and DNA damage. [provided by RefSeq, Aug 2017] |
| Expression              | Ubiquitous expression in gall bladder (RPKM 2.2), lymph node (RPKM 1.6) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                          |