

GGT5 Knockout cell line (HEK293)

Catalog Number: KO03431

| Product Information | |
|----------------------------|---|
| Product Name | GGT5 Knockout cell line (HEK293) |
| specification | 1*10 ⁶ |
| Storage and transportation | Dry ice preservation/T25 live cell transportation. |
| Cell morphology | Epithelioid, adherent cell |
| Passage ratio | 1:3~1:6 |
| species | Human |
| Gene | GGT5 |
| Gene ID | 2687 |
| Build method | Electric rotation method / virus method |
| Mycoplasma testing | Negative |
| Cultivation system | 90%DMEM+10% FBS |
| Parental Cell Line | HEK293 |
| Quality Control | Genotype: GGT5 Knockout cell line (HEK293) >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 | gamma-glutamyltransferase 5provided by HGNC |
| Also known as | GGL; GGT 5; GGTLA1; GGT-REL |
| Gene Description | This gene is a member of the gamma-glutamyl transpeptidase gene family, and some reports indicate that it is capable of cleaving the gamma-glutamyl moiety of glutathione. The protein encoded by this gene is synthesized as a single, catalytically-inactive polypeptide, that is processed post-transcriptionally to form a heavy and light subunit, with the catalytic activity contained within the small subunit. The encoded enzyme is able to convert leukotriene C4 to leukotriene D4, but appears to have distinct substrate specificity compared to gamma-glutamyl transpeptidase. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014] |
| Expression | Ubiquitous expression in fat (RPKM 18.6), kidney (RPKM 15.2) and 24 other tissues See more |