

OGA Knockout cell line (AC16)

Catalog Number: KOA11384

| Product Information | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | OGA Knockout cell line (AC16) |
| specification | 1*10 ⁶ |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen |
| Cell morphology | Fibroblast-like, adherent |
| Passage ratio | 1 : 3-1 : 4 |
| species | Human |
| Gene | OGA |
| Gene ID | 10724 |
| Build method | Electroporation/Lentivirus |
| Mycoplasma testing | negative |
| Cultivation system | 90% DMEM/F12+10% FBS |
| Price (USD) | Inquiry |
| Parental Cell Line | AC16 |
| Quality Control | Genotype: OGA Knockout cell line (AC16)>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 | O-GlcNAcase provided by HGNC |
| Also known as | MEA5; MGEA5; NCOAT |
| Gene Description | The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]). [supplied by OMIM, Mar 2008] |
| Expression | Ubiquitous expression in brain (RPKM 42.8), lymph node (RPKM 37.2) and 25 other tissues See more |