

ACER2 Knockout cell line (AC16)

Catalog Number: KOA03047

| Product Information | |
|----------------------------|---|
| Product Name | ACER2 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 | ACER2 |
| Gene ID | 340485 |
| Build method | Electroporation/Lentivirus |
| Mycoplasma testing | negative |
| Cultivation system | 90% DMEM/F12+10% FBS |
| Price (USD) | Inquiry |
| Parental Cell Line | AC16 |
| Quality Control | Genotype: ACER2 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 | alkaline ceramidase 2 provided by HGNC |
| Also known as | ASAH3L; ALKCDase2 |
| Gene Description | The sphingolipid metabolite sphingosine-1-phosphate promotes cell proliferation and survival, whereas its precursor, sphingosine, has the opposite effect. The ceramidase ACER2 hydrolyzes very long chain ceramides to generate sphingosine (Xu et al., 2006 [PubMed 16940153]). [supplied by OMIM, Jul 2010] |
| Expression | Biased expression in stomach (RPKM 29.1), urinary bladder (RPKM 17.8) and 8 other tissues See more |