

Recombinant Full Length Human ACER2 Protein, GST-tagged

Cat. No. ACER2-1454HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ASAH3L full-length ORF (AAH92487.1, 1 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	226 amino acids
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]
Molecular Mass	52.1 kDa
AA Sequence	MCLFRQYATC FNSGIYLIWT LLVVVGIGSV YFHATLSFLG QMLDELAVLW VLMCALAMWF PRRYLPKIFR NDRGRFKVVV SVLSAVTTCL AFVKPAINNI SLMTLGVPTCT ALLIAELKRC DNMRVFKLGL FSGLLWWTLL FCWISDRAFC ELLSSFNFPY LHCMWHILIC LAAYLGCVCF AYFDAASEIP EQGPVIKFWP NEKWAFIGVP YVSLLCANKK SSVKIT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name ACER2 alkaline ceramidase 2 [Homo sapiens]

Official Symbol ACER2

Synonyms ACER2; alkaline ceramidase 2; ASAH3L, N acylsphingosine amidohydrolase 3 like; FLJ41587; haCER2; alkCDase 2; alkaline CDase 2; ceramide hydrolase; ASAH3L; ALKCDase2

Gene ID 340485

mRNA Refseq NM_001010887

Protein Refseq NP_001010887

MIM 613492

UniProt ID Q5QJU3

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