

Recombinant Human ASAH3L protein, GST-tagged

Cat. No. ASAH3L-879H **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	Wheat Germ
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	MCLFRQYATCFNSGIYLIWTLVVVGIGSVYFHATLSFLGQMLDELAVLWVLMCALA MWFPRRYLPKIFRNDGRFRKVVVSVLSAVTTCLAFVKPAINNISLMTLGVPCTALLIAE LKRCDNMRVFKLGLFSGLWWTLALFCWISDRAFCELLSSFNFPYLHCMWHILICLAA YLGCVCFAYFDAASEIPEQGPVIKFWPNEKWAFIGVPYVSLLCANKKSSVKIT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

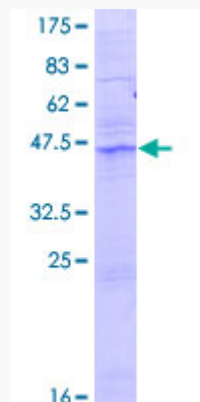
Gene ID 340485

mRNA Refseq NM_001010887

Protein Refseq NP_001010887

MIM 613492

UniProt ID Q5QJU3



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12.5% SDS-PAGE Stained with Coomassie Blue.