

Acid ceramidase (ASAH1) Recombinant Protein | ASAH1 recombinant protein

Recombinant Human Acid ceramidase (ASAH1)

CATALOG # AAA18758	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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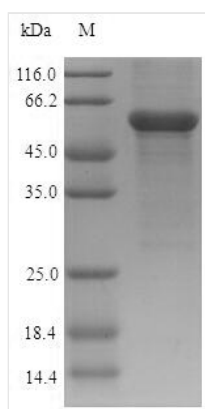
PRODUCT SYNONYMS

Acid ceramidase (ASAH1); Recombinant Human Acid ceramidase (ASAH1); Acid ceramidase; AC; ACDase; Acid CDase; EC=3.5.1.23; Acylsphingosine deacylase; N-acylsphingosine amidohydrolase; Putative 32 kDa heart protein; PHP32Cleaved into the following 2 chains:: 1. Acid ceramidase subunit alpha; 2. Acid ceramidase subunit beta; ASAH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-395aa; Full Length of Mature Protein
Sequence	QHAPPWTEDC RKSTYPPSGP TYRGAVPWYT INLDLPYKR WHEMLDKAP VLKVIVNSLK NMINTFVPSG KIMQVVDEKL PGLLGNFPGP FEEEMKGIAA VTDIPLGEII SFNIFYELFT ICTSIVAEDK KGHLIHGRNM DFGVFLGWNl NNDTWVITEQ LKPLTVNLDF QRNNKTVFKA SSFAGYVGML TGFKPGLFSL TLNERFSING GYLGILEWIL GKDVDMWIGF LTRTVLENST SYEEAKNLLT KTKILAPAYF ILGGNQSSEG CVITRDRKES LDVYELDAKQ GRWYVVQTN YDRWKHPFFLD DRTPAKMCL NRTSQENISF ETMYDVLSTK PVLNKLTVYT TLIDVTKGQF ETYLRDCPD CIGW
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ASAH1 recombinant protein	Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189011550
NCBI GeneID	427
NCBI Accession #	NP_001120977.1
NCBI GenBank Nucleotide #	NM_001127505.1
UniProt Accession #	Q13510; Q6W898; Q96AS2; E9PDS0
Molecular Weight	58.7 kDa
NCBI Official Full Name	acid ceramidase isoform c
NCBI Official Synonym Full Names	N-acylsphingosine amidohydrolase (acid ceramidase) 1
NCBI Official Symbol	ASAH1
NCBI Official Synonym Symbols	AC; PHP; ASAH; PHP32; ACDase; SMAPME
NCBI Protein Information	acid ceramidase; acid CDase; acylsphingosine deacylase; putative 32 kDa heart protein
UniProt Protein Name	Acid ceramidase
UniProt Gene Name	ASAH1
UniProt Synonym Gene Names	ASAH; AC; ACDase; Acid CDase; PHP32
UniProt Entry Name	ASAH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/asah1-recombinant-protein-e-coli/18758>