



ASAH1 blocking peptide (CDBP5106)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a heterodimeric protein consisting of a nonglycosylated alpha subunit and a glycosylated beta subunit that is cleaved to the mature enzyme posttranslationally. The encoded protein catalyzes the synthesis and degradation of ceramide into sphingosine and fatty acid. Mutations in this gene have been associated with a lysosomal storage disorder known as Farber disease. Multiple transcript variants encoding several distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	ASAH1 N-acylsphingosine amidohydrolase (acid ceramidase) 1 [Homo sapiens (human)]
Official Symbol	ASAH1
Synonyms	ASAH1; N-acylsphingosine amidohydrolase (acid ceramidase) 1; AC; PHP; ASAHL; PHP32; ACDase; SMAPME; acid ceramidase; acid CDase; acylsphingosine deacylase; putative 32 kDa heart protein

Entrez Gene ID	427
mRNA Refseq	NM_001127505
Protein Refseq	NP_001120977
UniProt ID	Q13510
Pathway	Ceramide signaling pathway; Glycosphingolipid metabolism; Lysosome; Metabolism; Metabolism of lipids and lipoproteins; Signal Transduction of S1P Receptor; Sphingolipid Metabolism; Sphingolipid metabolism
Function	catalytic activity; ceramidase activity
