

N-Acylsphingosine Amidohydrolase 2 (ASAH2) Recombinant Protein | ASAH2 recombinant protein

Recombinant N-Acylsphingosine Amidohydrolase 2 (ASAH2)

CATALOG # AAA152192	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

N-Acylsphingosine Amidohydrolase 2 (ASAH2); Recombinant N-Acylsphingosine Amidohydrolase 2 (ASAH2); ASAH2/N-Acylsphingosine Amidohydrolase 2; HNAC1; non-lysosomal ceramidase; Neutral ceramidase; ASAH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Phe80~Thr7 61
Applicable Applications for ASAH2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Rat
Isoelectric Point	7
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Membrane, Secreted, Mitochondrion, Golgi apparatus
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



ADDITIONAL INFORMATION

Product Categories/Family for ASAH2 recombinant protein	Enzyme & Kinase; Prokaryotic Recombinant proteins/RP
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758458
NCBI GeneID	114104
NCBI Accession #	NP_446098.1
NCBI GenBank Nucleotide #	NM_053646.1
UniProt Accession #	Q91XT9
Molecular Weight	83,488 Da
NCBI Official Full Name	neutral ceramidase
NCBI Official Synonym Full Names	N-acylsphingosine amidohydrolase (non-lysosomal ceramidase) 2
NCBI Official Symbol	Asah2
NCBI Protein Information	neutral ceramidase; NCDase; N-CDase; acylsphingosine deacylase 2; neutral/alkaline ceramidase; N-acylsphingosine amidohydrolase 2
UniProt Protein Name	Neutral ceramidase
UniProt Gene Name	Asah2
UniProt Synonym Gene Names	N-CDase; NCDase
UniProt Entry Name	ASAH2_RAT

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.