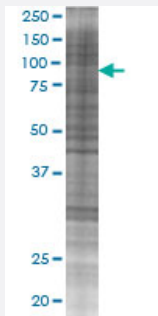


ASAH1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000427-T02

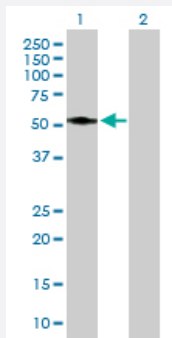
Size 100 uL

Applications



SDS-PAGE Gel

ASAH1 transfected lysate.



Western Blot

Lane 1: ASAH1 transfected lysate (44.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ASAH1 full-length
Host	Human
Theoretical MW (kDa)	44.6
Interspecies Antigen Sequence	Mouse (79); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ASAH1 antibody ([H00000427-D01P](#)) by Western Blots.
SDS-PAGE Gel
ASAH1 transfected lysate.
Western Blot
Lane 1: ASAH1 transfected lysate (44.60 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ASAH1

Entrez GeneID

[427](#)

GeneBank Accession#

[NM_177924.1](#)

Protein Accession#

[NP_808592.1](#)

Gene Name

ASAH1

Gene Alias

AC, ASAH, FLJ21558, FLJ22079, PHP, PHP32

Gene Description

N-acylsphingosine amidohydrolase (acid ceramidase) 1

Omim ID

[228000](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

N-acylsphingosine amidohydrolase 1|OTTHUMP00000122482|acylsphingosine deacylase|putative 32 kDa heart protein

Pathway

- [Lysosome](#)
- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)