

Recombinant Mouse ASAH1 Protein (19-141 aa), His-GST-Myc-tagged

Cat. No. ASAH1-2093M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ASAH1 Protein (19-141 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-GST tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	19-141 aa
Description	Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	43.8 kDa
AA Sequence	QAQDVPPWTEDCRKSTYPPSGPTYRGPVPWHTINLDLPPYKRWHELLAQKAPALRI LVNSITSLVNTFVPSGKLMKMVDQKLPGMIGSLPDPFGEEMRGIADVTGIPLGEIISFN IFYELFTM
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [Asah1 N-acylsphingosine amidohydrolase 1 \[Mus musculus \]](#)

Official Symbol [ASAH1](#)

Synonyms ASAH1; acid ceramidase; ACDase; acid CDase; acylsphingosine deacylase; AC; Asah; 2310081N20Rik;

Gene ID [11886](#)

mRNA Refseq [NM_019734](#)

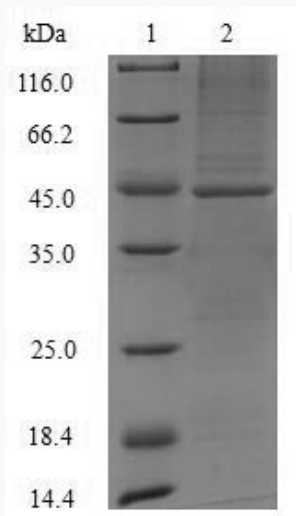
Protein Refseq [NP_062708](#)

UniProt ID [Q9WV54](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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