

## Recombinant Mouse Acid ceramidase(Asah1),partial

Catalog No: #AP76662



Package Size: #AP76662-1 20ug #AP76662-2 100ug #AP76662-3 1mg

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## Description

Product Name	Recombinant Mouse Acid ceramidase(Asah1),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-141aaSequence Info:Partial
Other Names	Acylsphingosine deacylase N-acylsphingosine amidohydrolase
Accession No.	Q9WV54
Uniprot	Q9WV54
GeneID	11886;
Calculated MW	43.8 kDa
Tag Info	N-terminal 10XHis-GST-tagged and C-terminal Myc-tagged
Target Sequence	QAQDVPPWTEDCRKSTYPPSGPTYRGPVWHTINLDLPYKRWHELLAQKAPALRILVNSITSLVNTFVPSGK LMKMVDQKLPGMIGSLPDPFGEEMRGIADVTGIPLGEISFNIFYELFTM
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid.

## References

"Cloning and characterization of the full-length cDNA and genomic sequences encoding murine acid ceramidase."Li C.-M., Hong S.-B., Kopal G., He X., Linke T., Hou W.-S., Koch J., Gatt S., Sandhoff K., Schuchman E.H.Genomics 50:267-274(1998)Research Topic:Signal Transduction

Note: This product is for in vitro research use only