

## Recombinant human Sialidase-3 protein

Catalog No: #AP72346



Package Size: #AP72346-1 20ug #AP72346-2 100ug

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## Description

Product Name	Recombinant human Sialidase-3 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-428aaSequence Info:Full Length
Other Names	Ganglioside sialidase;Membrane sialidaseN-acetyl-alpha-neuraminidase 3
Accession No.	Q9UQ49
Uniprot	Q9UQ49
GeneID	10825;
Calculated MW	52.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	EEVTTCSFNSPLFRQEDDRGITYRIPALLYIPPTHTFLAFAEKRSTRRDEDALHLVLRRLRIGQLVQWGPLKPL MEATLPGHRTMNPVWEQKSGCVLFFICVRGHVTERQQIVSGRNAARLCFIYSQDAGCSWSEVRDLTEEV IGSELKHWATFAVGPGHGIQLQSGRLVIPAYTYIIPSWFFCFQLPCKTRPHSLMIYSDDLGVTWHHGRILIRPMV TVECEVAEVTGRAGHPVLYCSARTPNRCRAEALSTDHGEGFQRLALSRQLCEPPHGCQGSVVSFRPLEIPHR CQDSSSKDAPTIQQSSPGSSRLLEEEAGTPSESWLLYSHPTSRSKQVRDLGIYLNQTPLEAACWSRPWILHCG PCGYSDLAALLEEGLFGCLFECGKQCEQIAFRLFTHREILSHLQGDCTSPGRNPSQFKSN
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

Plays a role in modulating the ganglioside content of the lipid bilayer at the level of mbrane-bound sialyl glycoconjugates.

## References

Cloning, expression, and chromosomal mapping of a human ganglioside sialidase.Wada T., Yoshikawa Y., Tokuyama S., Kuwabara M., Akita H., Miyagi T.Biochem. Biophys. Res. Commun. 261:21-27(1999)Research Topic:Metabolism

Note: This product is for in vitro research use only