



Recombinant Mouse Sialidase-3 (Neu3)

Product Code	CSB-BP872896MO
Abbreviation	Neu3
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.
Uniprot No.	Q9JMH7
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MEEVPPYSLS STLFQQEEQS GVTYRIPALL YLPPTHTFLA FAEKRTSVRD EDAACLVLRRL GLMKGRSVQW GPQRLLMEAT LPGHRTMNPC PVWEKNTGRV YLFFICVRGH VTERCQIVWG KNAARLCFLC SEDAGCSWGE VKDLTEEVIG SEVKRWATFA VGPGHGIQLH SGRLIIPAYA YYVSRWFLCF ACSVKPHSLM IYSDDFGVTW HHGKFIEPQV TGECQVAEVA GTAGNPVLYC SARTPSRFRA EAFSTDSGGC FQKPTLNPQL HEPRTGCQGS VVSFRPLKMP NTYQDSIGKG APATQKCP LL DSPLEVEKGA ETPSATWLLY SHPTSKRKRI NLGIYYNRNP LEVNCWSRPW ILNRGPSGYS DLAVVEEQDL VACLFECEGK NEYERIDFCL FSDHEVLSCE DCTSPSSD
Source	Baculovirus
Target Names	Neu3
Protein Names	Recommended name: Sialidase-3 EC= 3.2.1.18 Alternative name(s): Ganglioside sialidase Membrane sialidase N-acetyl-alpha-neuraminidase 3
Expression Region	1-418
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene product belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. It is localized in the plasma membrane, and its activity is specific for gangliosides. It may play a role in modulating the ganglioside content of the lipid bilayer.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself.
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