



# Recombinant Mouse Sialidase-2 (Neu2)

<b>Product Code</b>	CSB-MP864379MO
<b>Abbreviation</b>	Neu2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9JMH3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MATCPVLQKE TLFRTGVHAY RIPALLYLKK QKTLFAFAEK RASKTDEHAE LIVLRRGSYN EATNRVKWQP EEVVTQAQLE GHRSMNPCPL YDKQTKTLFL FFIAVPGRVS EHHQLHTKVN VTRLCCVSST DHGRTWSPIQ DLTETTIGST HQEWATFAVG PGHCLQLRNP AGSLLVPAYA YRKLHPAQKP TPFAFCFISL DHGHTWKLG N FVAENSLECQ VAEVGTGAQR MIVYLNARSFL GARVQAQSPN DGLDFQDNRV VSKLVEPPHG CHGSVVAFH N PISKPHALDT WLLYTHPTDS RNRTNLGVYL NQMPLDPTAW SEPTLLAMGI CAYSDLQNMG QGPDGSPQFG CLYESGNYEE IIFLIFTLKQ AFPTVFDAQ
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Neu2
<b>Protein Names</b>	Recommended name: Sialidase-2 EC= 3.2.1.18 Alternative name(s): Cytosolic sialidase Mouse skeletal muscle sialidase Short name= MSS Murine thymic sialidase Short name= MTS N-acetyl-alpha-neuraminidase 2
<b>Expression Region</b>	1-379
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Expression studies in COS7 cells confirmed that this gene encodes a functional sialidase. Its cytosolic localization was demonstrated by cell fractionation experiments.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.