



# Recombinant Rat Sialidase-2 (Neu2)

<b>Product Code</b>	CSB-YP714503RA
<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>	Q64627
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	METCPVLQKE TLFHTEVYAY RIPALLYLKK QKTLFAFAEK RASRTDEHAE LIVLRRGSYN GATNHVKWQP EEVVTQAQLE GHRSMNPCPL YDKQTKTLFL FFIAVPGRVS EQHQLQTRVN VTRLCRVST DYGMNWSPVQ DLTETTIGST HQDWATFAVG PGHCLQLRNR AGSLLVPAYA YRKLHPVHKP TPF AFCFISL DHGHTWELGN FVSENSLECQ VAEVGTGAHR VVYLNARFI GARVQAQSPN DGLDFQDNQV VSKLVEPPHG CHGSVVAFHS PTSKPDCLRH VAAATHPTDS RNRTNLGVYL NQTPLDPTAW SEPTLLATGT CAYSDLQIWG LGPDGSPQFG CLYESGNYDE IIFLMFTLKQ AFPTVHGAQ
<b>Source</b>	Yeast
<b>Target Names</b>	Neu2
<b>Protein Names</b>	Recommended name: Sialidase-2 EC= 3.2.1.18 Alternative name(s): Cytosolic sialidase 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.



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