Recombinant Human Sialidase-2 (NEU2)

Product Code	CSB-EP896716HU-B
Abbreviation	NEU2
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.	Q9Y3R4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MASLPVLQKE SVFQSGAHAY RIPALLYLPG QQSLLAFAEQ RASKKDEHAE LIVLRRGDYD APTHQVQWQA QEVVAQARLD GHRSMNPCPL YDAQTGTLFL FFIAIPGQVT EQQQLQTRAN VTRLCQVTST DHGRTWSSPR DLTDAAIGPA YREWSTFAVG PGHCLQLHDR ARSLVVPAYA YRKLHPIQRP IPSAFCFLSH DHGRTWARGH FVAQDTLECQ VAEVETGEQR VVTLNARSHL RARVQAQSTN DGLDFQESQL VKKLVEPPPQ GCQGSVISFP SPRSGPGSPA QWLLYTHPTH SWQRADLGAY LNPRPPAPEA WSEPVLLAKG SCAYSDLQSM GTGPDGSPLF GCLYEANDYE EIVFLMFTLK QAFPAEYLPQ
Source	E.coli
Target Names	NEU2
Protein Names	Recommended name: Sialidase-2 EC= 3.2.1.18 Alternative name(s): Cytosolic sialidase N-acetyl-alpha-neuraminidase 2
Expression Region	1-380
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 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.
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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