



Recombinant Human Sialidase-4 (NEU4)

Product Code	CSB-MP848831HU
Abbreviation	NEU4
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.	Q8WWR8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGVPRTPSRT VLFERERTGL TYRVPSLLPV PPGPTLLAFV EQRLSPDDSH AHRLVLRRTG LAGGSVRWGA LHVLGTAALA EHRSMNPCPV HDAGTGTVFL FFIAVLGHTP EAVQIATGRN AARLCCVASR DAGLSWGSAR DLTEEAIGGA VQDWATFAVG PGHGVQLPSG RLLVPAYTYR VDRRECFGKI CRTSPHSFAF YSDDHGRTWR CGGLVPNLRG GECQLAAVDG GQAGSFLYCN ARSPLGSRVQ ALSTDEGTSF LPAERVASLP ETAWGCQGSI VGFPAPAPNR PRDDSWSVGP GSPLQPPLL GPGVHEPPEEA AVDPRGGQVP GGPFSRLQPR GDGPRQPGPR PGVSGDVGSW TLALPMPFAA PPQSPTWLLY SHPVGRRARL HMGIRLSQSP LDPRSWTEPW VIYEGPSGYS DLASIGPAPE GGLVFACLYE SGARTSYDEI SFCTFSLREV LENVPASPKP PNLGDKPRGC CWPS
Source	Mammalian cell
Target Names	NEU4
Protein Names	Recommended name: Sialidase-4 EC= 3.2.1.18 Alternative name(s): N-acetyl-alpha-neuraminidase 4
Expression Region	1-484
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 protein belongs to a family of glycohydrolytic enzymes, which remove terminal sialic acid residues from various sialo derivatives, such as glycoproteins, glycolipids, oligosaccharides, and gangliosides. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
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

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