



# Recombinant Human Sialidase-4 (NEU4)

<b>Product Code</b>	CSB-MP848831HU
<b>Abbreviation</b>	NEU4
<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>	Q8WWR8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MGVPRTPSRT VLFERERTGL TYRVPSLLPV PPGPTLLAFV EQRLSPDDSH AHLVLRRGT LAGGSVRWGA LHVLGTAALA EHRSMNPCPV HDAGTGTVFL FFIAVLGHTP EAVQIATGRN AARLCCVASR DAGLSWGSAR DLTEEAIGGA VQDWATFAVG PGHGVQLPSG RLLVPAYTYR VDRRECFGKI CRTSPHSFAF YSDDHGRTWR CGGLVPNLRG GECQLAAVDG GQAGSFLYCN ARSPLGSRVQ ALSTDEGTSF LPAERVASLP ETAWGCQGSI VGFPAPAPNR PRDDSWSVGP GSPLQPPLLPGVHEPPEEA AVDPRGGQVP GGPFSRLQPR GDGPRQPGPR PGVSGDVGSW TLALPMPFAA PPQSPTWLLY SHPVGRRARL HMGIRLSQSP LDPRSWTEPW VIYEGPSGYS DLASIGPAPE GGLVFACLYE SGARTSYDEI SFCTFSLREV LENVPASPKP PNLGDKPRGC CWPS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	NEU4
<b>Protein Names</b>	Recommended name: Sialidase-4 EC= 3.2.1.18 Alternative name(s): N-acetyl-alpha-neuraminidase 4
<b>Expression Region</b>	1-484
<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 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.
<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.

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