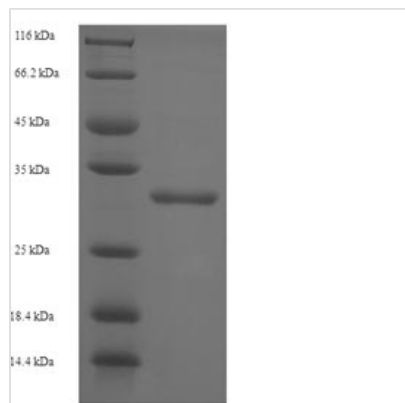




Recombinant Human CMP-N-acetylneuraminate-poly-alpha-2,8-sialyltransferase (ST8SIA4)

Product Code	CSB-EP821630HU
Relevance	Catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid (PSA), which is present on the bryonic neural cell adhesion molecule (N-CAM), necessary for plasticity of neural cells.
Abbreviation	Recombinant Human ST8SIA4 protein
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.	Q92187
Alias	Alpha-2,8-sialyltransferase 8DPolysialyltransferase-1Sialyltransferase 8D ;SIAT8-DSialyltransferase St8Sia IV ;ST8SiaIV
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KTKEIARTEEHQETQLIGDGELSLSRSLVNSSDKIIRKAGSSIFQHNVEGWKINS SLVLEIRKNILRFLDAERDVSVVKSSFKPGDVIHYVLDRRRTLNIHDLHSLLE VSPMKNRRFKTCAVVGNSGILLDSECGKEIDSHNFVIR
Research Area	Tags & Cell Markers
Source	E.coli
Target Names	ST8SIA4
Expression Region	21-168aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	32.8kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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. 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.