

Product datasheet for **TP762306**

ST8SIA2 (NM_006011) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2 (ST8SIA2), Asp24-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Asp24-End) of ST8SIA2
Tag:	N-His
Predicted MW:	39.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006002
Locus ID:	8128
UniProt ID:	Q92186 , B2R9U8
RefSeq Size:	5626
Cytogenetics:	15q26.1
RefSeq ORF:	1125
Synonyms:	HsT19690; SIAT8-B; SIAT8B; ST8SIA-II; ST8SialI; STX



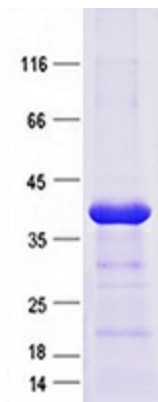
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Summary:

The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29. [provided by RefSeq, Jul 2008]

Protein Families:

Transmembrane

Product images:

Purified recombinant protein ST8SIA2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.