

Product datasheet for **TP762114**

ST6GALNAC5 (NM_030965) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 5 (ST6GALNAC5),Gly30-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(Gly30-End) of ST6GALNAC5
Tag:	N-His
Predicted MW:	35.3 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.
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_112227
Locus ID:	81849
UniProt ID:	Q9BVH7
RefSeq Size:	2048
Cytogenetics:	1p31.1
RefSeq ORF:	1008
Synonyms:	SIAT7-E; SIAT7E; ST6GalNAcV



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Summary:

The protein encoded by this gene is a Golgi type II transmembrane glycosyltransferase. The encoded protein catalyzes the transfer of sialic acid to cell surface proteins to modulate cell-cell interactions. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Protein Families:

Transmembrane

Protein Pathways:

Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways

Product images: