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OriGene Technologies, Inc.

Product datasheet for TP761013

ST8SIA4 (NM_175052) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ST8 alpha-N-acetyl-neuraminide alpha-2,8- sialyltransferase 4 (ST8SIA4), transcript variant 2, full length, 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 human full-length ST8SIA4
Tag:	N-His
Predicted MW:	19.1 kDa
Concentration:	>0.05 μ g/ μ L as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
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:	<u>NP 778222</u>
Locus ID:	7903
UniProt ID:	<u>Q92187</u>
RefSeq Size:	1887
Cytogenetics:	5q21.1
RefSeq ORF:	504
Synonyms:	PST; PST1; SIAT8D; ST8SIA-IV

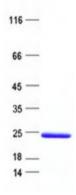


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Summary:The protein encoded by this gene catalyzes the polycondensation of alpha-2,8-linked sialic
acid required for the synthesis of polysialic acid, a modulator of the adhesive properties of
neural cell adhesion molecule (NCAM1). The encoded protein, which is a member of
glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi
apparatus. Two transcript variants encoding different isoforms have been found for this
gene. [provided by RefSeq, Jul 2008]

Product images:



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