

Recombinant Human ST3GAL6 Protein, MYC/DDK-tagged

Cat. No. ST3GAL6-2853H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST3GAL6 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the sialyltransferase family. Members of this family are enzymes that transfer sialic acid from the activated cytidine 5'-molphospho-N-acetylneuraminic acid to terminal positions on sialylated glycolipids (gangliosides) or to the N- or O-linked sugar chains of glycoproteins. This protein has high specificity for neolactotetraosylceramide and neolactohexaosylceramide as glycolipid substrates and may contribute to the formation of selectin ligands and sialyl Lewis X, a carbohydrate important for cell-to-cell recognition and a blood group antigen.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	ST3GAL6 ST3 beta-galactoside alpha-2,3-sialyltransferase 6 [Homo sapiens]
Official Symbol	ST3GAL6
Synonyms	SIAT10; ST3GALVI
Gene ID	10402
mRNA Refseq	NM_006100
Protein Refseq	NP_006091
MIM	607156
UniProt ID	Q9Y274

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