

Recombinant Human ST3GAL5, His-tagged

Cat. No. ST3GAL5-2978H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST3GAL5 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	88-418aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ST3GAL5 ST3 beta-galactoside alpha-2,3-sialyltransferase 5 [Homo sapiens]
Official Symbol	ST3GAL5
Synonyms	ST3GAL5; ST3 beta-galactoside alpha-2,3-sialyltransferase 5; sialyltransferase 9 (CMP NeuAc:lactosylceramide alpha 2,3 sialyltransferase; GM3 synthase) , SIAT9; lactosylceramide alpha-2,3-sialyltransferase; SIATGM3S; ST3GalV; ST3Gal V; GM3 synthase; ganglioside GM3 synthase; alpha 2,3-sialyltransferase V; CMP-

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	NeuAc:lactosylceramide alpha-2,3-sialyltransferase; sialyltransferase 9 (CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase; GM3 synthase); SATI; SIAT9;
Gene ID	8869
mRNA Refseq	NM_001042437
Protein Refseq	NP_001035902
MIM	604402
UniProt ID	Q9UNP4
Chromosome Location	2p11.2
Pathway	Ganglio Sphingolipid Metabolism, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Glycosphingolipid biosynthesis, ganglio serie
Function	lactosylceramide alpha-2,3-sialyltransferase activity; neolactotetraosylceramide alpha-2,3-sialyltransferase activity; sialyltransferase activity;