

## Recombinant Human ST3GAL5, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	ST3GAL5 ST3 beta-galactoside alpha-2,3-sialyltransferase 5 [ Homo sapiens ]
<b>Official Symbol</b>	ST3GAL5
<b>Synonyms</b>	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); SAT1; SIAT9;
<b>Gene ID</b>	8869
<b>mRNA Refseq</b>	NM_001042437
<b>Protein Refseq</b>	NP_001035902
<b>MIM</b>	604402
<b>UniProt ID</b>	Q9UNP4
<b>Chromosome Location</b>	2p11.2
<b>Pathway</b>	Ganglio Sphingolipid Metabolism, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Glycosphingolipid biosynthesis, ganglio serie
<b>Function</b>	lactosylceramide alpha-2,3-sialyltransferase activity; neolactotetraosylceramide alpha-2,3-sialyltransferase activity; sialyltransferase activity;

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