

Recombinant Human ST8SIA1, His-tagged

Cat. No. ST8SIA1-2982H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST8SIA1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	39-136aa
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	ST8SIA1 ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1 [Homo sapiens]
Official Symbol	ST8SIA1
Synonyms	ST8SIA1; ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1; sialyltransferase 8 (alpha N acetylneuraminate: alpha 2,8 sialyltransferase, GD3 synthase) A , SIAT8, SIAT8A; alpha-N-acetylneuraminide alpha-2,8-sialyltransferase;

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ST8Sia I; ganglioside GD3 synthase; ganglioside GT3 synthase; sialyltransferase St8Sia I; alpha-2,8-sialyltransferase 8A; disialoganglioside (GD3) synthase; ganglioside-specific alpha-2,8-polysialyltransferase; sialyltransferase 8 (alpha-N-acetylneuraminate: alpha-2,8-sialyltransferase, GD3 synthase) A; sialyltransferase 8A (alpha-N-acetylneuraminate: alpha-2,8-sialyltransferase, GD3 synthase); GD3S; SIAT8; SIAT8A; SIAT8-A; ST8Sial;

Gene ID	6489
mRNA Refseq	NM_003034
Protein Refseq	NP_003025
MIM	601123
UniProt ID	Q92185
Chromosome Location	12p12.1-p11.2
Pathway	Ganglio Sphingolipid Metabolism, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Glycosphingolipid biosynthesis - globo series
Function	alpha-N-acetylneuraminate alpha-2,8-sialyltransferase activity; sialyltransferase activity; transferase activity, transferring glycosyl groups;