

Recombinant Human ST8SIA3, His-tagged

Cat. No. ST8SIA3-2983H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST8SIA3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	26-380aa
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	ST8SIA3 ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3 [Homo sapiens]
Official Symbol	ST8SIA3
Synonyms	ST8SIA3; ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3; SIAT8C; ST8SialIII; sia-alpha-2,3-Gal-beta-1,4-GlcNAc-R:alpha 2,8-sialyltransferase; SIAT8-C; sialyltransferase St8Sia III; alpha-2,8-sialyltransferase 8C; alpha-2,8-sialyltransferase

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	III; sialyltransferase 8C(alpha2,3Galbeta1,4GlcNAcalpha 2,8-sialyltransferase); Sialyltransferase St8Sia III; Sia-Alpha-2,3-Gal-Beta-1,4-GlcNAc-R:Alpha 2,8-Sialyltransferase; Sialyltransferase St8Sia III; EC 2.4.99.; Sialyltransferase 8C
Gene ID	51046
mRNA Refseq	NM_015879
Protein Refseq	NP_056963
MIM	609478
UniProt ID	Q59GW3
Chromosome Location	18q21.31
Pathway	Asparagine N-linked glycosylation, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan antennae elongation, organism-specific biosystem
Function	alpha-N-acetylneuraminate alpha-2,8-sialyltransferase activity; sialic acid binding