



ST8SIA4 blocking peptide (CDBP5962)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). The encoded protein, which is a member of glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
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Conjugate	Unconjugated
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Applications	Used as a blocking peptide in immunoblotting applications.
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Format	Liquid
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Concentration	200 µg/mL
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Size	0.05 mg
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Preservative	None
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Storage	-20°C
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GENE INFORMATION

Gene Name	ST8SIA4 ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 [Homo sapiens (human)]
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Official Symbol	ST8SIA4
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Synonyms	ST8SIA4; ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4; PST; PST1; SIAT8D; ST8SIA-IV; CMP-N-acetylneuraminase-poly-alpha-2,8-sialyltransferase; SIAT8-D; ST8SiaIV; sialyltransferase 8D; polysialyltransferase-1; sialyltransferase St8Sia IV; sialyltransferase St8Sia
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IV; alpha-2,8-sialyltransferase 8D; sialyltransferase 8 (alpha-2, 8-polysialyltransferase) D; CMP-N-acetylneuraminate-poly-alpha-2,8-sialyl transferase

Entrez Gene ID	7903
mRNA Refseq	NM_005668
Protein Refseq	NP_005659
UniProt ID	Q92187
Pathway	Asparagine N-linked glycosylation; Axon guidance; Biosynthesis of the N-glycan precursor (dolichol lipid-linked oligosaccharide; Developmental Biology; Metabolism of proteins; NCAM signaling for neurite out-growth; NCAM1 interactions; Post-translational protein modification
Function	alpha-N-acetylneuraminate alpha-2,8-sialyltransferase activity; sialic acid binding