Recombinant Human ST8SIA2 Protein (AA 60-375), N-6×His/GFP tagged

Cat. No. ST8SIA2-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST8SIA2 Protein (AA 60-375) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 60-375
Description	The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29.
Molecular Mass	~100 kDa
AA Sequence	NGSSSPAVVDRSNESIKHNIQPASSKWRHNQTLSLRIRKQILKFLDAEKDISVLKGTL KPGDIIHYIFDRDSTMNVSQNLYELLPRTSPLKNKHFGTCAIVGNSGVLLNSGCGQEI DAHSFVIRCNLAPVQEYARDVGLKTDLVTMNPSVIQRAFEDLVNATWREKLLQRLHS LNGSILWIPAFMARGGKERVEWVNELILKHHVNVRTAYPSLRLLHAVRGYWLTNKVH IKRPTTGLLMYTLATRFCKQIYLYGFWPFPLDQNQNPVKYHYYDSLKYGYTSQASAH TMPLEFKALKSLHEQGALKLTVGQCDGAT

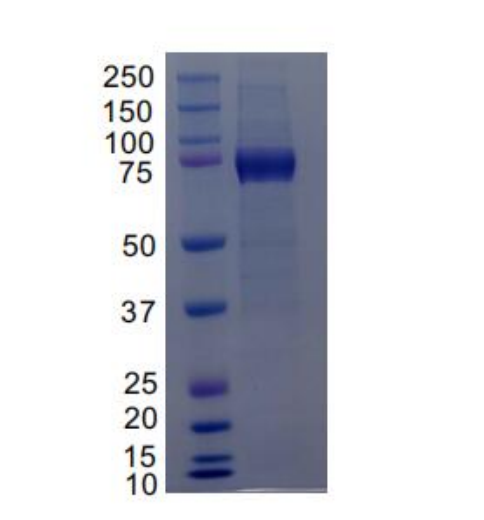
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Purity	>95%, by SDS-PAGE as visualized by Coomassie Blue Staining
Stability	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.
Concentration	1 mg/mL
Storage Buffer	Supplied as a 0.2 μm filtered solution in 20mM HEPES pH 7.0 and 100mM NaCl buffer, with 10% Glycerol.
Preservative	0.05 % NaN3
Shipping	This product is shipped as 0.2μm filtered product on dry ice.

GENE INFORMATION

Gene Name	ST8SIA2 ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2 [Homo sapiens (human)]
Official Symbol	ST8SIA2
Synonyms	ST8SIA2; ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2; sialyltransferase 8 (alpha 2, 8 sialytransferase) B , SIAT8B; alpha-2,8-sialyltransferase 8B; HsT19690; ST8SIA II; STX; SIAT8-B; ST8SiaII; sialyltransferase X; sialyltransferase 8B; sialytransferase St8Sia II; alpha-2,8-sialyltransferase 8B 1; sialyltransferase 8 (alpha-2, 8-sialytransferase) B; SIAT8B; ST8SIA-II; MGC116854; MGC116857;
Gene ID	8128
mRNA Refseq	NM_006011

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Protein Refseq	NP_006002
MIM	602546
UniProt ID	Q92186
SDS-PAGE	

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