

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

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

### SPECIFICATION

**Product Overview** Recombinant Human ST8SIA2 Protein (AA 60-375) with N-6xHis/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**

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NGSSSPAVVDRSNESIKHNIQPASSKWRHNQTLSLRIRKQILKFLDAEKDISVLKGTL
KPGDIIHYIFDRDSTMNVSQNLYELLPRTSPLKNKHFGTCAIVGNSGVLLNSGCGQEI
DAHSFVIRC�LAPVQEYARDVGLKTDLVTMNPSVIQRAFEDLVNATWREKLLQRLHS
LNGSILWIPAFMARGGKERVEWVNELILKHHVNVRTAYPSLRLHAVRGYWLTNKVH
IKRPTTGLLMYTLATRFCKQIYLYGFWPFPLDQNPVKYHYYDSLKYGYTSQASAH
TMPLEFKALKSLHEQGALKLTVGQCDGAT
    
```

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<b>Purity</b>	>95%, by SDS-PAGE as visualized by Coomassie Blue Staining
<b>Stability</b>	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	Supplied as a 0.2 µm filtered solution in 20mM HEPES pH 7.0 and 100mM NaCl buffer, with 10% Glycerol.
<b>Preservative</b>	0.05 % NaN <sub>3</sub>
<b>Shipping</b>	This product is shipped as 0.2µm filtered product on dry ice.

## GENE INFORMATION

<b>Gene Name</b>	ST8SIA2 ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ST8SIA2
<b>Synonyms</b>	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;
<b>Gene ID</b>	8128
<b>mRNA Refseq</b>	NM_006011

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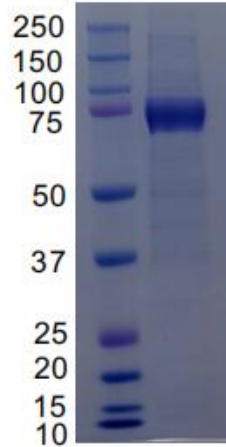
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**Protein Refseq** NP\_006002

**MIM** 602546

**UniProt ID** Q92186

**SDS-PAGE**



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