

## Recombinant Human ST8SIA5, His-tagged

Cat. No. ST8SIA5-2984H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ST8SIA5 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	35-165aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	ST8SIA5 ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 5 [ Homo sapiens ]
<b>Official Symbol</b>	ST8SIA5
<b>Synonyms</b>	ST8SIA5; ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 5; sialyltransferase 8E (alpha 2, 8 polysialyltransferase) , SIAT8E; alpha-2,8-sialyltransferase 8E; ST8Sia V; SIAT8-E; sialyltransferase St8Sia V; sialyltransferase

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	8E (alpha-2, 8-polysialyltransferase); SIAT8E; ST8SiaV; MGC119670; MGC119671;
<b>Gene ID</b>	<a href="#">29906</a>
<b>mRNA Refseq</b>	<a href="#">NM_013305</a>
<b>Protein Refseq</b>	<a href="#">NP_037437</a>
<b>MIM</b>	<a href="#">607162</a>
<b>UniProt ID</b>	<a href="#">O15466</a>
<b>Chromosome Location</b>	18q12.3
<b>Pathway</b>	Ganglio Sphingolipid Metabolism, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Glycosphingolipid biosynthesis, ganglio serie
<b>Function</b>	alpha-N-acetylneuraminate alpha-2,8-sialyltransferase activity; sialyltransferase activity;

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