

Recombinant Human ST8SIA4 Protein (21-168 aa), His-SUMO-tagged

Cat. No. ST8SIA4-1067H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST8SIA4 Protein (21-168 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Tags & Cell Markers. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	21-168 aa
Description	Catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid (PSA), which is present on the bryonic neural cell adhesion molecule (N-CAM), necessary for plasticity of neural cells.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	32.8 kDa
AA Sequence	KTKEIARTEEHQETQLIGDGELSLSRSLVNSSDKIIRKAGSSIFQHNVEGWKINSSLVL EIRKNILRFLDAERDVSVVKSSFPGDVIHYVLD RRRRTL NISHDLHSLLP EVSPMKNR RFKTC AVVGNSGILLDSECGKEIDSHNFVIR
Purity	> 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

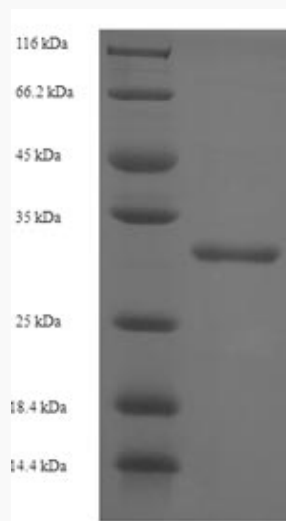
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	ST8SIA4 ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 [Homo sapiens]
Official Symbol	ST8SIA4
Synonyms	ST8SIA4; PST; PST1; ST8Sia IV; SIAT8-D; ST8SiaIV; SIAT8D; ST8SIA-IV; MGC34450; MGC61459;
Gene ID	7903
mRNA Refseq	NM_005668
Protein Refseq	NP_005659
MIM	602547
UniProt ID	Q92187

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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