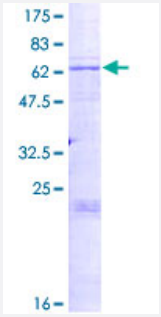
Full-Length

ST8SIA3 (Human) Recombinant Protein (P01)

Catalog # H00051046-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ST8SIA3 full-length ORF (NP_056963.2, 1 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRNCKMARVASVLGLVMLSVALLILSLISYVSLKKENIFTTPKYASPGAPRMYMFHAGFRSQFALK FLDPSFVPITNSLTQELQEKPSKWKFNRTAFLHQRQEILQHVDVIKNFSLTKNSVRIGQLMHYDYSS HKYVFSISNNFRSLLPDVSPIMNKHYNICAVVGNSGILTGSQCGQEIDKSDFVFRCNFAPTEAFQR DVGRKTNLTTFNPSILEKYYNNLLTIQDRNNFFLSLKKLDGAILWIPAFFFHTSATVTRTLVDFFVEHR GQLKVQLAWPGNIMQHVNRYWKNKHLSPKRLSTGILMYTLASAICEEIHLYGFWPFGFDPNTREDL PYHYYDKKGTKFTTKWQESHQLPAEFQLLYRMHGEGLTKLTLSHCA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	70.4
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ST8SIA3

Entrez GeneID	51046
GeneBank Accession#	NM_015879.2
Protein Accession#	NP_056963.2
Gene Name	ST8SIA3
Gene Alias	SIAT8C, ST8SiaIII
Gene Description	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3
Omim ID	609478
Gene Ontology	Hyperlink
Gene Summary	ST8SIA3 belongs to a family of sialyltransferases that form sialyl-alpha-2,8-sialyl-R linkages at the nonreducing termini of glycoconjugates (Lee et al., 1998 [PubMed 9826427]).[supplied by OMIM
Other Designations	alpha-2,8-sialyltransferase III|sialyltransferase 8C (alpha2,3Galbeta1,4GlcNAcalpha 2,8-sialyltransferase)

Pathway

- Glycosphingolipid biosynthesis - ganglio series