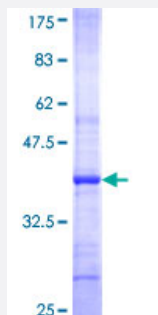


ST8SIA5 (Human) Recombinant Protein (Q01)

Catalog # H00029906-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ST8SIA5 partial ORF (NP_037437, 33 a.a. - 132 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QQILYGRNYKRYFEFYEGPFEYNSTRCLELRHEILEVKVLSMVKQSELFDRWKS LQMCKWAMNIS EANQFKSTLSRCCNAPAFLLTTQKNTPLGTKLKY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (81); Rat (81)
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 — ST8SIA5

Entrez GeneID [29906](#)

GeneBank Accession# [NM_013305](#)

Protein Accession# [NP_037437](#)

Gene Name ST8SIA5

Gene Alias MGC119670, MGC119671, SIAT8E, ST8SiaV

Gene Description ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 5

Omim ID [607162](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a type II membrane protein that may be present in the Golgi apparatus. The encoded protein, which is a member of glycosyltransferase family 29, may be involved in the synthesis of gangliosides GD1c, GT1a, GQ1b, and GT3 from GD1a, GT1b, GM1b, and GD3, respectively. [provided by RefSeq]

Other Designations alpha-2,8-sialyltransferase 8E|sialyltransferase 8E (alpha-2, 8-polysialyltransferase)

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Metabolic pathways](#)