

ST6GALNAC6 recombinant protein

Recombinant Human ST6GALNAC6 protein

CATALOG #
AAA119924

HOST
E Coli

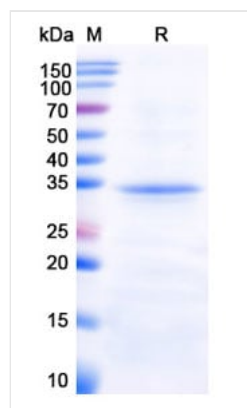
PRODUCT SYNONYMS

ST6GALNAC6; Recombinant Human ST6GALNAC6 protein; Alpha-N-acetylgalactosaminide alpha-2; 6-sialyltransferase 6; GalNAc alpha-2; 6-sialyltransferase VI; ST6GalNAc VI; ST6GalNAcVI; hST6GalNAc VI; Sialyltransferase 7F; SIAT7-F; ST6GALNAC6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from PBS pH 7.4, 0.02% NLS, 4% Trehalose, 1% mannitol, 1mM EDTA.
Species	Homo sapiens (Human)
Construction	Sequence Val67-Thr333 with His tag
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ST6GALNAC6 recombinant protein	Alpha-2, 6-sialyltransferase involved in the synthesis of alpha-series gangliosides. Has activity toward GD1a, GT1b and GM1b. Has no activity toward glycoproteins. Responsible for the biosynthesis of DSGG (disialylgalactosylgloboside) from MSGG (monosialylgalactosylgloboside) in normal and malignant kidney. Participates in the synthesis of disialyl Lewis a (Le(a)).
Product Categories/Family for ST6GALNAC6 recombinant protein	Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	558757381
NCBI GeneID	30815
NCBI Accession #	NP_001273928.1
NCBI GenBank Nucleotide #	NM_001286999.1
UniProt Accession #	Q969X2; Q5T9C4; Q5T9C5; Q9H8A2; Q9ULB8; B3KQ01
Molecular Weight	Predicted: 33.04 kDa
NCBI Official Full Name	alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6 isoform b
NCBI Official Synonym Full Names	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6
NCBI Official Symbol	ST6GALNAC6
NCBI Official Synonym Symbols	SIAT7F; SIAT7-F; ST6GALNACVI
NCBI Protein Information	alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6; sialyltransferase 7F; galNAc alpha-2,6-sialyltransferase VI; CMP-NeuAC:(beta)-N-acetylgalactosaminide (alpha)2,6-sialyltransferase member VI; sialyltransferase 7 ((alpha-N-acetylneuraminyl 2,3-be
UniProt Protein Name	Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6
UniProt Gene Name	ST6GALNAC6
UniProt Synonym Gene Names	SIAT7F; UNQ708/PRO1359; ST6GalNAcVI; hST6GalNAc VI; SIAT7-F
UniProt Entry Name	SIA7F_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/st6galnac6-recombinant-protein-e-coli/119924>