

Recombinant Human ST6GALNAC6 Protein (AA 33-333), N-6×His/GFP tagged

Cat. No. ST6GALNAC6-18H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST6GALNAC6 Protein (AA 33-333) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 33-333
Description	ST6GALNAC6 belongs to a family of sialyltransferases that modify proteins and ceramides on the cell surface to alter cell-cell or cell-extracellular matrix interactions (Tsuchida et al., 2003 [PubMed 12668675]).
AA Sequence	REMSSNKEQRSVAVFVILFALITILYSSNSANEVFHYGSLRGRSRRPVNLKKWSITDG YVPILGNKTLPSRCHQCVIVSSSSHLLGTKLGPEIERAECTIRMNDAPTTGYSADVGN KTTYRVVAHSSVFRVLRRPQEFVNRTPETVFIFWGPPSKMQKPQGSLVRVIQRAGL VFPNMEAYAVSPGRMRQFDDLFRGETGKDREKSHSWLSTGWFTMVIARELVDHVV VYGMVPPNYCSQRPRQLRMPYHYEYEPKGPDECVTYIQNEHSRKGNNHHRFITEKRV FSSWAQLYGITFSHPST
Purity	>95%, by SDS-PAGE as visualized by Coomassie Blue Staining
Stability	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.

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Concentration	1 mg/mL
Storage Buffer	Supplied as a 0.2 µm filtered solution in 20mM HEPES pH 7.0 and 100mM NaCl buffer, with 10% Glycerol.
Preservative	0.05 % NaN ₃
Shipping	This product is shipped as 0.2µm filtered product on dry ice.
GENE INFORMATION	
Gene Name	ST6GALNAC6 ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 6 [Homo sapiens (human)]
Official Symbol	ST6GALNAC6
Synonyms	ST6GALNAC6; ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 6; sialyltransferase 7 ((alpha N acetylneuraminy 2,3 betagalactosyl 1,3) N acetyl galactosaminide alpha 2,6 sialyltransferase) F , SIAT7F; alpha-N-acetylglactosaminide alpha-2,6-sialyltransferase 6; ST6GALNACVI; SIAT7-F; ST6GalNAc VI; hST6GalNAc VI; sialyltransferase 7F; galNAc alpha-2,6-sialyltransferase VI; CMP-NeuAC:(beta)-N-acetylglactosaminide (alpha)2,6-sialyltransferase member VI; sialyltransferase 7 ((alpha-N-acetylneuraminy 2,3-betagalactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) F; SIAT7F; RP11-203J24.3;
Gene ID	30815
mRNA Refseq	NM_013443
Protein Refseq	NP_038471

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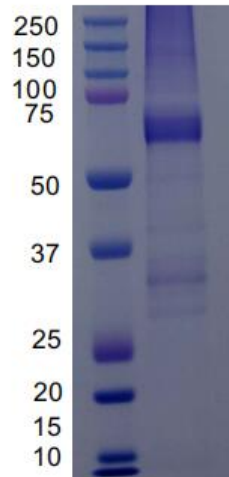
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MIM 610135

UniProt ID Q969X2

SDS-PAGE



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