

Product datasheet for TP309177

ST6GALNAC3 (NM_152996) Human Recombinant Protein

Product data:

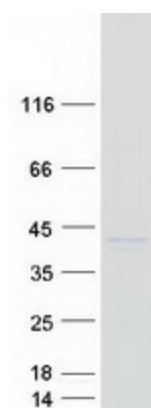
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3 (ST6GALNAC3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209177 protein sequence Red =Cloning site Green =Tags(s)
	<p>MACILKRKSIVIAVSFIAAFLFLLVRLVNEVNFLLLNCFGQPGTKWIPFSYTYRRPLRTHYGYINVKTQ EPLQLDCDLCAIVSNSGQMVGQKVGNEIDRSSCIWRMNNAPTKGYEEDVGRMTMIRVVSHTSVPLLLKN P DYFFKEANTTIYVIWGPFRNMRKDGNIVYNMLKKTVGIYPNAQIYVTEKRMSCDGVFKKETGKDRVQ SGSYLSTGWFTFILAMDACYGIHVYGMINDTYCKTEGYRKVPYHYEQGRDECDEYFLHEHAPYGGHRFI TEKKVFAKWAKKHRIIFTHPNWTLS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	35.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_694541</u>



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Locus ID:	256435
UniProt ID:	Q8NDV1
RefSeq Size:	3259
Cytogenetics:	1p31.1
RefSeq ORF:	915
Synonyms:	PRO7177; SIAT7C; ST6GALNACIII; STY
Summary:	ST6GALNAC3 belongs to a family of sialyltransferases that transfer sialic acids from CMP-sialic acid to terminal positions of carbohydrate groups in glycoproteins and glycolipids (Lee et al., 1999 [PubMed 10207017]).[supplied by OMIM, Mar 2008]
Protein Families:	Transmembrane
Protein Pathways:	Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways

Product images:



Coomassie blue staining of purified ST6GALNAC3 protein (Cat# TP309177). The protein was produced from HEK293T cells transfected with ST6GALNAC3 cDNA clone (Cat# [RC209177]) using MegaTran 2.0 (Cat# [TT210002]).