

Datasheet for ABIN5854563

ST6GAL1 Protein (AA 27-406) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	ST6GAL1
Protein Characteristics:	AA 27-406
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST6GAL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPKEKKKGS YYDSFKLQTK EFQVLKSLGK LAMGSDSQSV SSSSTQDPHR GRQTLGSLRG LAKAKPEASF QVWNKDSSSK NLIPRLQKIW KNYLSMNKYK VSYKGP GPGI KFSAEALRCH LRDHVNVSMV EVTDFPFNTS EWEGYLPKES IRTKAGPWGR CAVVSSAGSL KSSQLGREID DHDAVLRFNG APTANFQQDV GTKTTIRLMN SQLVTTEKRF LKDSL YNEGI LIVWDPSVYH SDIPKWYQNP DYNFFN NYKT YRKLHPNQPF YILKPQMPWE LWDILQEISP EEIQPNPPSS GMLGHIIMMT LCDQVDIYEF LPSKRKTDVC YYYQKFFDSA CTMGAYHPLL YEKNLVKHLN QGTDEDIYLL GKATLPGFRT IHCHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target: ST6GAL1

Alternative Name: ST6GAL1 ([ST6GAL1 Products](#))

Background: ST6GAL1, also known as beta-galactoside alpha-2,6-sialyltransferase 1, is a type II membrane protein localized in the trans-Golgi network and catalyzes 2,6-sialylation of Gal beta 1,4-GlcNAc structures on N-glycans. It is highly expressed in the liver and also expressed in most other tissues to some extent. Its deficiency causes abnormalities in B cell immunoreactivity. Recombinant human ST6GAL1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 44.6kDa (389aa) 40-57kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_775323](#)

UniProt: [P15907](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

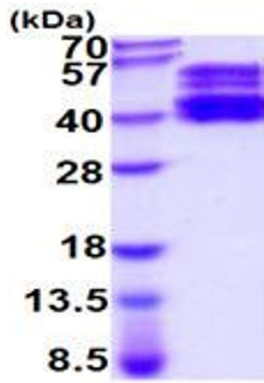
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.