



[Go to Product page](#)

Datasheet for ABIN7319204 ST8SIA1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	ST8SIA1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST8SIA1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ST8SIA1 Protein (His Tag)
Sequence:	Tyr49-Ser356
Characteristics:	Recombinant Human alpha-N-Acetylneuraminide alpha-2,8-Sialyltransferase is produced by our Mammalian expression system and the target gene encoding Tyr49-Ser356 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ST8SIA1
Alternative Name:	ST8SIA1 (ST8SIA1 Products)
Background:	Background: α-N-Acetylneuraminide α-2,8-Sialyltransferase (ST8SIA1) belongs to the glycosyltransferase 29 family. ST8SIA1 is a sialyltransferase that catalyzes the transfer of sialic

Target Details

acid from CMP-sialic acid to GM3 to produce GD3 and GT3. ST8SIA1 is highly expressed in melanoma cell lines, adult and fetal brain, low expressed in adult and fetal lung. ST8SIA1 may act as a type II transmembrane protein with a short N-terminal cytoplasmic domain and a single-pass transmembrane domain followed by an enzymatic domain in the lumen of the Golgi apparatus.

Synonym: Alpha-N-Acetylneuraminide Alpha-2,8-Sialyltransferase, Alpha-2,8-Sialyltransferase 8A, Ganglioside GD3 Synthase, Ganglioside GT3 Synthase, Sialyltransferase 8A, SIAT8-A, Sialyltransferase St8Sia I, ST8Sial, ST8SIA1, SIAT8, SIAT8A

Molecular Weight: 36.2 kDa

UniProt: [Q92185](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.