

[Go to Product page](#)

Datasheet for ABIN7546023
ST8SIA6 Protein (AA 1-398) (His tag)

Overview

Quantity:	1 mg
Target:	ST8SIA6
Protein Characteristics:	AA 1-398
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST8SIA6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ST8SIA6 Protein expressed in mammalian cells.
Sequence:	MRPGGALLAL LASLLLLLLL RLLWCPADAP GRARILVEES REATHGTPAA LRTLRSPTA VPRATNSTYL NEKSLQLTEK CKNLQYGIES FSNKTKGYSE NDYLQIITDI QSCPWKRQAE EYANFRAKLA SCCDAVQNFV VSQNNTPVGT NMSYEVESSK EIPKKNIFH MFPVSQPFVD YPYNQCAVVG NGGILNKSLC GTEIDKSDV FRCNLPPTTG DVSKDVGSKT NLVTINPSII TLKYGNLKEK KALFLEDIAT YGDAFFLLPA FSFRANTGTS FKVYYTLEES KARQKVLFFH PKYLKDLALF WRTKGVTAIR LSTGLMITSV AVELCKNVKL YGFWPFSKTV EDIPVSHHYY DNKLPKHGFH QMPKEYSQIL QLHMKGILKL QFSKCEVA Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	ST8SIA6
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Alternative Name:	ST8SIA6 (ST8SIA6 Products)
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Background:	Alpha-2,8-sialyltransferase 8F (EC 2.4.99.-) (Sialyltransferase 8F) (SIAT8-F) (Sialyltransferase St8Sia VI) (ST8SiaVI),FUNCTION: Alpha-2,8-sialyltransferase that prefers O-glycans to N-glycans or glycolipids as acceptor substrates. The minimal acceptor substrate is the NeuAc-alpha-2,3(6)-Gal sequence at the non-reducing end of their carbohydrate groups. {ECO:0000250 UniProtKB:Q8K4T1}.
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Molecular Weight:	44.8 kDa
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UniProt:	P61647
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months