

Datasheet for ABIN7556663

ST8SIA5 Protein (AA 1-412) (His tag)



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Overview

Quantity:	1 mg
Target:	ST8SIA5
Protein Characteristics:	AA 1-412
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST8SIA5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat St8sia5 Protein expressed in mammalian cells.
Sequence:	MRYADPSANR DLLGNRTLLF IFICAFALVT LLQQILYSKS YIKRGFQFGW QRGDQQANWT GLFNDSPTS EQNITGSSSR YFEFYKEPLE FNSTRCLELR QEILEVKVLS MVKQSELEF WKSLLQICKWA MDTAEASLFK STLSRCCNAP SFLFTTQKNT PVETNLRYEV ESSGLYHIDQ EIFKMFPKEM PYYRSQFKKC AVVGNGGILK NSGCGKEINS ADFVFRNLP PISGIYTTDV GEKTDVVTVN PSIIIDRFHK LEKWRPFFS VLQRYENASV LLPAFYNVNRN TLVSFRVKYM LDDFQSRQPV YFFHPQYLSS VSRYWLSLGV RARRISTGLI LVTALELCE EVHLFGFWAF PMNPSGFFIT HHYYDNVKKP PGFHAMPSEI FTFLRMHSRG ILRVHTGTCN CC 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
Grade:	custom-made

Target Details

Target:	ST8SIA5
Alternative Name:	St8sia5 (ST8SIA5 Products)
Background:	Alpha-2,8-sialyltransferase 8E (EC 2.4.99.-) (Sialyltransferase 8E) (SIAT8-E) (Sialyltransferase St8Sia V) (ST8SiaV),FUNCTION: Involved in the synthesis of gangliosides GD1c, GT1a, GQ1b, GP1c and GT3 from GD1a, GT1b, GM1b and GD3 respectively. {ECO:0000269 PubMed:8910600}.
Molecular Weight:	47.8 kDa
UniProt:	P70126

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.
Restrictions:	For Research Use only

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