

Product datasheet

Recombinant Human STT3A protein ab116946

[1 Image](#)

Description

Product name	Recombinant Human STT3A protein
Expression system	Wheat germ
Accession	<u>P46977</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	GGSTDTGKHIKENDYYTPTGEFRVDREGSPVLLNCLMYKM CYYRFGQVYT EAKRPPGFDRVRNAEIGNKDFELDVLEEAYTTEHWLVRIY KVKDLDNRG
Predicted molecular weight	37 kDa including tags
Amino acids	603 to 701

Specifications

Our **Abpromise guarantee** covers the use of **ab116946** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot SDS-PAGE
Form	Liquid

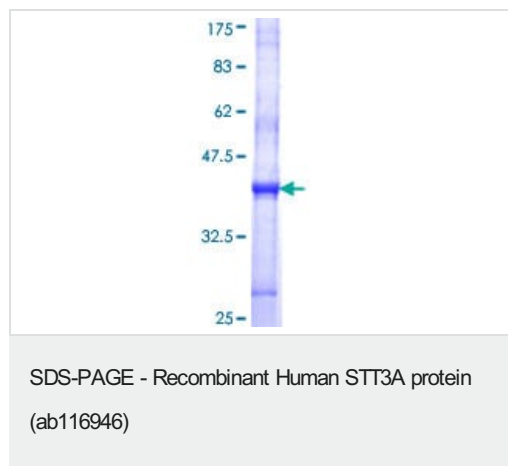
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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General Info

Function	Component of the N-oligosaccharyl transferase enzyme which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. N-glycosylation occurs cotranslationally and the complex associates with the Sec61 complex at the channel-forming translocon complex that mediates protein translocation across the endoplasmic reticulum (ER). SST3A seems to be involved in complex substrate specificity.
Tissue specificity	Expressed at high levels in placenta, liver, muscle and pancreas, and at very low levels in brain, lung and kidney. Expressed in skin fibroblasts (at protein level).
Sequence similarities	Belongs to the STT3 family.
Cellular localization	Endoplasmic reticulum membrane.

Images



12.5% SDS-PAGE showing ab116946 at approximately 36.52kDa stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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