

## Product datasheet

# Recombinant Human ST6GALNAC6 protein ab162319

1 Image

### Description

---

<b>Product name</b>	Recombinant Human ST6GALNAC6 protein
<b>Expression system</b>	Wheat germ
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MACSRPPSQCEPTSLPPGPPAGRRHLPLSRRRREMSSN KEQRSVAVFVILF ALITILILYSSNSANEVPHYGSLRGRSRRPVNLKKWSITDGY VPILGNKT LPSRCHQCVMSSSHLLGTLGPEIERAECTIRMNDAPTT GYSADVGNK TTYRVVAHSSVFRVLRPQEFVNRTPETVFIFWGPPSKMQ KPQGSLVRVI QRAGLVFPNMEAYAVSPGRMRQFDDLFRGETGKDREKS HSWLSTGWFTMV IAVELCDHVHVYGMVPPNYCSQRPLQRMPYHYEYPKGP DECVTYIQNEH SRKGNHHRFITEKRVFSSWAQLYGITFSHPSWT
<b>Amino acids</b>	1 to 333
<b>Tags</b>	GST tag N-Terminus

### Specifications

---

Our **Abpromise guarantee** covers the use of **ab162319** in the following tested applications.

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

<b>Applications</b>	Western blot ELISA
<b>Form</b>	Liquid

**Additional notes**

## 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: 0.31% Glutathione, 0.79% Tris HCl

## General Info

---

### Function

Alpha-2,6-sialyltransferase involved in the synthesis of alpha-series gangliosides. Has activity toward GD1a, GT1b and GM1b. Has no activity toward glycoproteins. Responsible for the biosynthesis of DSGG (disialylgalactosylgloboside) from MSGG (monosialylgalactosylgloboside) in normal and malignant kidney. Participates in the synthesis of disialyl Lewis a (Le(a)).

### Tissue specificity

Expressed in kidney, in proximal tubule epithelial cells. Expressed in colon cell lines.

### Sequence similarities

Belongs to the glycosyltransferase 29 family.

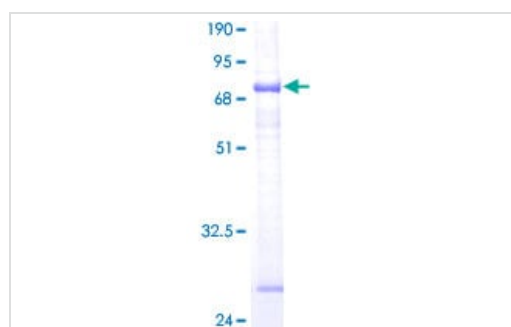
### Cellular localization

Golgi apparatus membrane.

---

## Images

---



ab162319 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human ST6GALNAC6  
protein (ab162319)

**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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors