

Product datasheet

Recombinant Human GCNT3 protein ab160400

1 Image

Description

Product name	Recombinant Human GCNT3 protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	KLSFRLKCDSDHLGLESRESQSQYCRNILYNFLKLPKRSI NCSGVTRGD QEAVLQAILNNLEVKKKREPFTDTHYLSLTRDCEHFKAER KFIQFPLSK
Amino acids	28 to 126
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab160400** 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
Form	Liquid
Additional notes	

Preparation and Storage

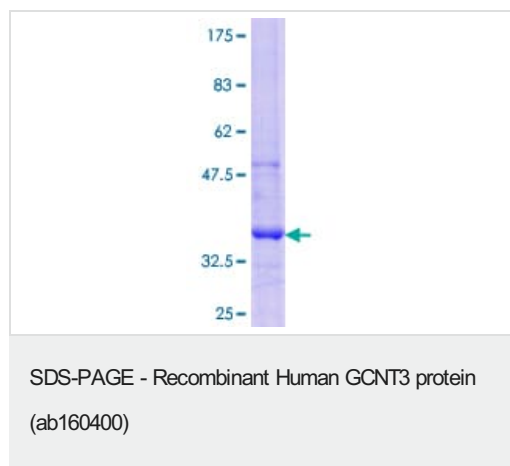
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

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Function	Glycosyltransferase that can synthesize all known mucin beta 6 N-acetylglucosaminides. Mediates core 2 and core 4 O-glycan branching, 2 important steps in mucin-type biosynthesis. Has also I-branching enzyme activity by converting linear into branched poly-N-acetyllactosaminoglycans, leading to introduce the blood group I antigen during embryonic development.
Tissue specificity	Primarily expressed in mucus-secreting tissues. Expressed in colon, kidney, small intestine, trachea, and stomach, where mucin is produced.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyltransferase 14 family.
Post-translational modifications	N-glycosylated.
Cellular localization	Golgi apparatus membrane.

Images



ab160400 on a 12.5% SDS-PAGE 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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