

Product datasheet

Recombinant Human C1GALT1 protein ab167826

1 Image

Description

Product name	Recombinant Human C1GALT1 protein	
Purity	> 80 % SDS-PAGE. ab167826 was purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	<u>Q9NS00</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMGSLGKVDTPQPNVLHN DPHARHSDDNGQ NHLEGQMNFNADSSQHKDENTDIAENLYQKVRILCWVMT GPQNLEKKAKH VKATWAQRCNKVLFMSSEENKDFPAVGLKTKEGRDQLY WKTIKAFQYVHE HyledADWFLKADDDTYILDNLRWLLSKYDPEEPYFGR RfKPYVKQGY MSGGAGYVLSKEALKRFVDAFKTDKCTHSSSIEDLALGR CMEIMNVEAGD SRDTIGKETFHPFVPEHHLIKGYLPRTFWYWNYYPPVEG PGCCSDLAV SFHYVDSTTMYELEYLVYHLRPYGYLYRYQPTLPERILKEIS QANKNEDT KVKLGNP	
Predicted molecular weight	41 kDa including tags	
Amino acids	30 to 363	
Tags	His tag N-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab167826** in the following tested applications.

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

Applications SDS-PAGE

Mass Spectrometry

Mass spectrometry

MALDI-TOF

Form

Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

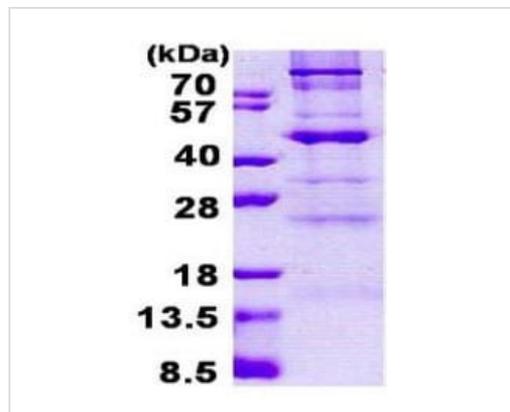
Relevance

C1GALT1 (Core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1) is a glycosyltransferase that generates the core 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is synthesized by the transfer of Gal from UDP-Gal to GalNAc-alpha-1-R. Core 1 is a precursor for many extended O-glycans in glycoproteins. C1GALT1 plays a central role in many processes, such as angiogenesis, thrombopoiesis and kidney homeostasis development.

Cellular localization

Membrane; Single-pass type II membrane protein.

Images



15% SDS-PAGE analysis of ab167826 (3µg).

SDS-PAGE - Recombinant Human C1GALT1 protein (ab167826)

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

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