

Product datasheet

Recombinant Human CGT protein (denatured)
ab176082

1 Image

Description

Product name	Recombinant Human CGT protein (denatured)		
Purity	> 85 % SDS-PAGE.		
Expression system	Escherichia coli		
Accession	<u>Q16880</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	MGSSHHHHHH SSGLVPRGSH MGSAKIIVP PIMFESHMY FKTLASALHE RGHHTVFLLS EGRDIAPSNH YSLQRYPGIF NSTTSDAFLQ SKMRNIFSGR LTAIELFDIL DHYTKNCDLM VGNHALIQGL KKEKFDLLL DPNDMCGFVI AHLLGVKYAV FSTGLWYPAE VGAPAPLAYV PEFNSSLTDR MNLLQRMKNT GVYLISRLGV SFLVLPKYER IMQKYNLLPE KSMYDLVHGS SLWMLCTDVA LEFPRPTLPN VVYVGGILTK PASPLPEDLQ RWVNGANEHG FVLVSFGAGV KYLSEDIANK LAGALGRLPQ KVMWRFSGPK PKNLGNNTKL IEWL PQNDLL GHSKIKAFLS HGGLNSIFET MYHGVPVVGI PLFGDHYDTM TRVQAKGMGI LLEWKTVTEK ELYEALVKVINNPSYRQRAQ KLSEIHKDQP GHPVNRTYW IDYIIRHNGA HHLRAAVHQI SFCQYFLLDIAFVLLLLGAAL LYFLLSWVTK FYRKIKSLW SRNKHSTVNG HYHNGILNGK YKRNGHIKHE KKVK		
Predicted molecular weight	62 kDa including tags		
Amino acids	21 to 541		
Tags	His tag N-Terminus		
Additional sequence information	Mature protein. NP_003351.		

Specifications

Our **Abpromise guarantee** covers the use of **ab176082** 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
Form	Liquid
Additional notes	This product was previously labelled as UGT8

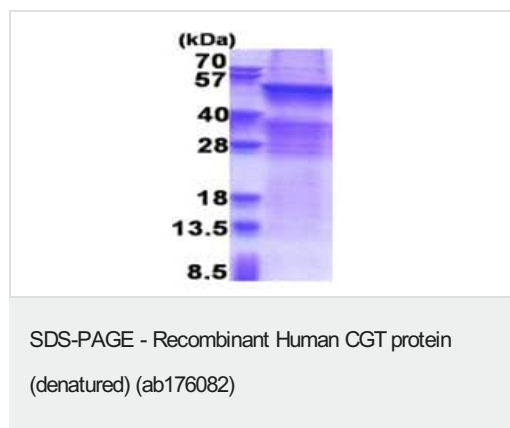
Preparation and Storage

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: 0.32% Tris-HCl buffer, 10% Glycerol (glycerin, glycerine), 2.4% Urea
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General Info

Function	Catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central nervous system and peripheral nervous system.
Pathway	Sphingolipid metabolism; galactosylceramide biosynthesis.
Sequence similarities	Belongs to the UDP-glycosyltransferase family.
Cellular localization	Membrane.

Images



15% SDS-PAGE analysis of ab176082 (3µg).

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

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