

Product datasheet

Recombinant Human Galactoside 2- α -L-fucosyltransferase 1 protein ab158476

1 Image

Overview

Product name	Recombinant Human Galactoside 2- α -L-fucosyltransferase 1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Species	Human
Sequence	MWLRSHRQLCLAFLLVCVLSVIFFLHHQDSFPHGLGLSILCPDRRLVTP PVAIFCLPGTAMGPNASSSCPQHPASLSGTWTVYPNGRFGNQMGQYATLL ALAQLNGRRAFILPAMHAALAPVFRITLPVLAPEVDSRTPWRELQLHDWM SEEYADLRDPFLKLSGFPCSWTFFHHLREQIRREFTLHDHLREEAQSVLG QLRLGRTGDRPRTFVGVHVRRGDYLQVMPQRWKGVVGDSAYLRQAMDWFR ARHEAPVFVVTNSNGMEWCKENIDTSQGDVTFAGDGQEATPWKDFALLTQC NHTIMTIGTFGFWAAYLAGGDTVYLANFTLPDSEFLKIFKPEAAFLPEWV GINADLSPLWTLAKP

Amino acids	1 to 365
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158476** in the following tested applications.

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

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

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**

Creates a soluble precursor oligosaccharide FuC-alpha ((1,2)Galbeta-) called the H antigen which is an essential substrate for the final step in the soluble A and B antigen synthesis pathway. H and Se enzymes fucosylate the same acceptor substrates but exhibit different Km values.

Pathway

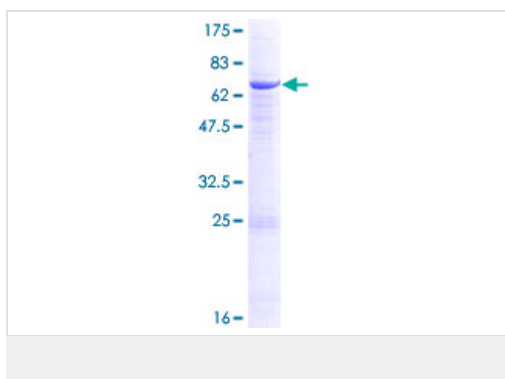
Protein modification; protein glycosylation.

Sequence similarities

Belongs to the glycosyltransferase 11 family.

Cellular localization

Golgi apparatus > Golgi stack membrane. Membrane-bound form in trans cisternae of Golgi.

Images

ab158476 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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