

Recombinant human Beta-1,4-galactosyltransferase 3

Catalog No: #AP71679



Package Size: #AP71679-1 20ug #AP71679-2 100ug #AP71679-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Beta-1,4-galactosyltransferase 3
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:34-393aaSequence Info:Partial
Other Names	UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 3UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 3 3 domains:N-acetylglucosamine synthase (EC:2.4.1.90) ;Nal synthaseBeta-N-acetylglucosaminylglycopeptide beta-1,4-galactosyltransferase (EC:2.4.1.38)Beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase (EC:2.4.1.-)
Accession No.	O60512
Uniprot	O60512
GeneID	8703;
Calculated MW	67.2 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	LSALFGRDQGPTFDYSHPRDVYSNLSHLPGAPGGPPAPQGLPYCPERSPLLVGPSVVSFSPVPSLAEIVERNP RVEPGGRYRPAGCEPRSRRTAIIVPHRAREHHLRLLLYHLHPFLQRQQLAYGIYVIHQAGNGTFNRAKLLNVGV REALRDEEWDCLFLHDVDLLPENDHNLVCDPRGPRHVAVAMNKFYSLPYPQYFGGVSALTPDQYLKMNG FPNEYWGWGGEDDDIATRVLGAMKISRPTSVGHYKMKVHRGDKGNEENPHRFDLLVRTQNSWTQDGMN SLTYQLLARELGPLYTNITADIGTDPRGPRAPSGPRYPGSSQAFRQEMLRPPARPGLSTANHTALRGSH
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

References

A family of human beta4-galactosyltransferases. Cloning and expression of two novel UDP-galactose:beta-n-acetylglucosamine beta1,4-galactosyltransferases, beta4Gal-T2 and beta4Gal-T3.Almeida R., Amado M., David L., Lavery S.B., Holmes E.H., Merx G., van Kessel A.G., Rygaard E., Hassan H., Bennett E., Clausen H.J. Biol. Chem. 272:31979-31991(1997)Research Topic:Metabolism

Note: This product is for in vitro research use only