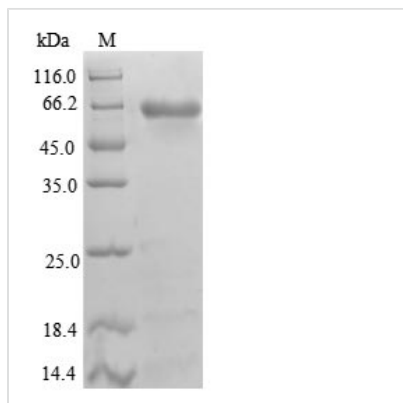




Recombinant Human Beta-1,4-galactosyltransferase 3 (B4GALT3), partial

Product Code	CSB-RP007044h
Relevance	Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.
Abbreviation	Recombinant Human B4GALT3 protein, partial
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.
Uniprot No.	O60512
Alias	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.-)
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	LSALFGRDQGPTFDYSHPRDVYSNLSHLPGAPGGPPAPQGLPYCPERSPLLV GPVSVSFSPVPSLAEIVERNPRVEPGGRYPAGCEPRSRRTAIVPHRAREHHL RLLLYHLHPFLQRQQLAYGIYVIHQAGNGTFNRKLLNVGVREALRDEEWDCL FLHDVDLLPENDHNLVCDPRGPRHVAVAMNKFYSLPYPQYFGGVSALTPD QYLKMNGFPNEYWGWGGEDDDIATRVRLAGMKISRPTSVGHYKMKVHRGD KGNEENPHRFDLLVRTQNSWTQDGMNSLTYQLLARELGPLYTNITADIGTDPR GPRAPSGPRYPGSSQAQFRQEMLRPPARPGPLSTANHTALRGSH
Research Area	Metabolism
Source	E.coli
Target Names	B4GALT3
Expression Region	34-393aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	67.2kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.