Beta-1,3-Galactosyltransferase 1 (B3GALT1) Gorilla Gorilla Gorilla Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-1,3-galactosyltransferase 1 (B3GALT1), Recombinant Protein
Full Product Name	Recombinant Gorilla gorilla gorilla Beta-1,3-galactosyltransferase 1 (B3GALT1), partial
Product Gene Name	B3GALT1 recombinant protein
Product Synonym Gene Name	B3GALT1
Sequence	MASKVSCLYV LTVVCWASAL WYLSITRPTS SYTGSKPFSH LTVARKNFTF GNIRTRPINP HSFEFLINEP NKCEKNIPFL VILISTTHKE FDARQAIRET WGDENNFKGI KIATLFLLGK NADPVLNQMV EQESQIFHDI IVEDFIDSYH NLTLKTLMGM RWVATFCSKA KYVMKTDSDI FVNMDNLIYK LLKPSTKPRR RYFTGYVING GPIRDVRSKW YMPRDLYPDS NYPPFCSGTG YIFSADVAEL IYKTSLHTRL LHLEDVYVGL CLRKLGIHPF QNSGFNHWKM AYSLCRYRRV ITVHQISPEE MHRIWNDMSS KKHLRC
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	37,993 Da
Sequence Positions	1-326
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q7JK24
Species	Gorilla gorilla gorilla (Lowland gorilla)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for B3GALT1 recombinant protein	MBS1356959 is a recombinant protein targeting B3GALT1. Also known as Recombinant Gorilla gorilla gorilla Beta-1,3-galactosyltransferase 1 (B3GALT1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of B3GALT1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for B3GALT1. It may not necessarily be applicable to this product.

NCBI GI #	426337588
NCBI GeneID	101153312
NCBI Accession #	XP_004032783.1
UniProt Primary Accession #	Q7JK24

UniProt Related Accession #	Q7JK24
GenBank Nucleotide #	XM_004032735.2
NCBI Official Full Name	beta-1,3-galactosyltransferase 1
NCBI Official Symbol	B3GALT1
NCBI Official Synonym Symbols	Beta3GalT1
UniProt Protein Name	Beta-1,3-galactosyltransferase 1
UniProt Synonym Protein Names	UDP-galactose:beta-N-acetyl-glucosamine-beta-1,3-galactosyltransferase 1
Protein Family	Beta-1,3-galactosyltransferase
UniProt Gene Name	B3GALT1
UniProt Synonym Gene Names	Beta-1,3-GalTase 1; Beta3Gal-T1; Beta3GalT1
NCBI Protein Information	beta-1,3-galactosyltransferase 1
UniProt Comments for B3GALT1	Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins.
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