Beta-1,3-Galactosyl-O-Glycosyl-Glycoprotein Beta-1,6-N-Acetylglucosaminyltransferase 7 (GCNT7) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 7 (Gcnt7), Recombinant Protein
Full Product Name	Recombinant Mouse Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 7 (Gcnt7), partial
Product Gene Name	Gcnt7 recombinant protein
Product Synonym Gene Name	Gcnt7
Sequence	MSQLRTTKAG LVACGMICAF IFLYLRNPGP EEAEAEAEAE PTNPAVVECG FYPDELCSAL FDGKKAAPQI AQFCKPPQNS EVPARLRTPG NCSRLARGLH FITRPLSAEE GNFSLAYVIH APRELVMFVR LLRAIYAPQN VYCIHSDENA PKKFKSAMQT FVDCFGNIFL SSKTQKVAHD NLRRLQAEID CMRDLVHSPF QWHYVMNLCG QEFPIKTNKE IIYDIRTRWK GKNITPGVTP PANSKPKTGQ GPPKPSPDEN SYTAPNTIFK QSPPHNLTIS SGSAHYALTR KFVEFVLTDP RAKDMLQWSK DIQSPEKHYW VTLNRLKDAP GATPDAGWEG HIRATKWRTE AGDGRKGCTD HDAQDTCVYG LGDLPGLIRL PAFFATLEPS SDPLVGVCLE RRHRLRALQQ AEVPPEPHWQ FPQQSHFNSQ PHH
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	45,230 Da
Sequence Positions	1-433
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 Q3V3K7
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Gcnt7 recombinant protein	MBS1342064 is a recombinant protein targeting Gcnt7. Also known as Recombinant Mouse Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 7 (Gcnt7), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Gcnt7 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 Gcnt7. It may not necessarily be applicable to this product.

NCBI GI #	88319968

NCBI GeneID	654821
NCBI Accession #	NP_001034649.1
UniProt Primary Accession #	Q3V3K7
UniProt Secondary Accession #	Q3V174; B2RSZ6
UniProt Related Accession #	Q3V3K7
GenBank Nucleotide #	NM_001039560.3
NCBI Official Full Name	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 7
NCBI Official Synonym Full Names	glucosaminyl (N-acetyl) transferase family member 7
NCBI Official Symbol	Gcnt7
NCBI Official Synonym Symbols	gnt; A330041C17Rik
UniProt Protein Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 7
Protein Family	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase
UniProt Gene Name	Gcnt7
NCBI Protein Information	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 7
UniProt Comments for Gcnt7	Glycosyltransferase.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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