B3GNT3 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	B3GNT3, Blocking Peptide
Full Product Name	B3GNT3 Blocking Peptide
Product Gene Name	B3GNT3 blocking peptide
Product Synonym Names	B3GAL T8; B3GALT8; B3GN T3; B3GNT 3; Beta 1,3 galactosyltransferase 8; Beta 3 Gal T8; Beta3Gal T8; Beta3GalT8; BGnT 3; BGnT3; Core 1 extending beta 1,3 N acetylglucosaminyltransferase; Core1 beta3GlcNAcT; HP10328; TMEM3; UDP Gal:beta GlcNAc beta 1,3 galactosyltransferase 8; UDP GlcNAc:betaGal beta 1,3 N acetylglucosaminyltransferase 3
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Purity/Purification	The purity is >90%,tested by HPLC and MS.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	B3GNT3 peptide (MBS9621552) is used for blocking the activity of B3GNT3 antibody (MBS9611599)
Molecular Weight	42,534 Da
OMIM	605863
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for B3GNT3 blocking peptide	Blocking/Control
Related Product Information for B3GNT3 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Other Notes	Small volumes of B3GNT3 blocking peptide 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.
Searchable Terms for B3GNT3 purchase	MBS9621552 is a blocking peptide targeting B3GNT3.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for B3GNT3. It may not necessarily be applicable to this product.

NCBI GI #	92091604
NCBI GeneID	10331
NCBI Accession #	NP_055071
UniProt Primary Accession #	Q9Y2A9

UniProt Secondary Accession #	Q6NWU9; Q6NXU9; Q8WWR6; Q9C0J2; B2RAS4
UniProt Related Accession #	Q9Y2A9
GenBank Nucleotide #	NP_055071.2
NCBI Official Full Name	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3
NCBI Official Synonym Full Names	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3
NCBI Official Symbol	B3GNT3
NCBI Official Synonym Symbols	TMEM3; B3GN-T3; B3GNT-3; HP10328; B3GAL-T8; beta3Gn-T3
UniProt Protein Name	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3
UniProt Synonym Protein Names	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase; Beta-1,3-galactosyltransferase 8; Core1-beta3GlcNAcT
Protein Family	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase
UniProt Gene Name	B3GNT3
UniProt Entry Name	B3GN3_HUMAN
NCBI Protein Information	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3; UDP-Gal:beta-GlcNAc beta-1,3-galactosyltransferase 8; UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 8; beta-1,3-GalTase 8; beta-1,3-Gn-T3; beta-1,3-N-acetylglucosami
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