Procollagen Galactosyltransferase 1-B (glt25d1-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Procollagen galactosyltransferase 1-B (glt25d1-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Procollagen galactosyltransferase 1-B (glt25d1-b), partial
Product Gene Name	glt25d1-b recombinant protein
Product Synonym Gene Name	glt25d1-b
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	71,607 Da
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 Q5U483
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for glt25d1-b recombinant protein	MBS1376564 is a recombinant protein targeting glt25d1-b. Also known as Recombinant Xenopus laevis Procollagen galactosyltransferase 1-B (glt25d1-b), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of glt25d1-b 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 glt25d1-b. It may not necessarily be applicable to this product.

NCBI GI #	147899177
NCBI GeneID	495521
NCBI Accession #	NP_001088623.1
UniProt Primary Accession #	Q5U483
UniProt Related Accession #	Q5U483
GenBank Nucleotide #	NM_001095154.1
NCBI Official Full Name	procollagen galactosyltransferase 1-B
NCBI Official Synonym Full Names	collagen beta(1-O)galactosyltransferase 1 S homeolog

NCBI Official Symbol	colgalt1.S
NCBI Official Synonym Symbols	glt25d1; colgalt1; glt25d1a; glt25d1-b; colgalt1-b
UniProt Protein Name	Procollagen galactosyltransferase 1-B
UniProt Synonym Protein Names	Collagen beta(1-O)galactosyltransferase 1-B; Glycosyltransferase 25 family member 1-B; Hydroxylysine galactosyltransferase 1-B
UniProt Gene Name	colgalt1-b
UniProt Synonym Gene Names	glt25d1-b
NCBI Protein Information	procollagen galactosyltransferase 1-B
UniProt Comments for glt25d1-b	Beta-galactosyltransferase that transfers beta-galactose to hydroxylysine residues of type I collagen. By acting on collagen glycosylation, facilitates the formation of collagen triple helix.
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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