Probable UDP-Glucose:glycoprotein Glucosyltransferase A (ggtA) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable UDP-glucose:glycoprotein glucosyltransferase A (ggtA), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Probable UDP-glucose:glycoprotein glucosyltransferase A (ggtA), partial
Product Gene Name	ggtA recombinant protein
Product Synonym Gene Name	ggtA
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	192,629 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 Q8T191
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ggtA recombinant protein	MBS1349224 is a recombinant protein targeting ggtA. Also known as Recombinant Dictyostelium discoideum Probable UDP-glucose:glycoprotein glucosyltransferase A (ggtA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ggtA 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 ggtA. It may not necessarily be applicable to this product.

NCBI GI #	66820917
NCBI GeneID	8619433
NCBI Accession #	XP_644005.1
UniProt Primary Accession #	Q8T191
UniProt Secondary Accession #	Q555Q8
GenBank Nucleotide #	XM_638913.1
NCBI Official Full Name	hypothetical protein DDB_G0274103
NCBI Official Symbol	ggtA

UniProt Protein Name	Probable UDP-glucose:glycoprotein glucosyltransferase A
UniProt Synonym Protein Names	Developmental gene 1109 protein
Protein Family	Probable UDP-glucose:glycoprotein glucosyltransferase
UniProt Gene Name	ggtA
UniProt Synonym Gene Names	DG1109
NCBI Protein Information	UDP-glucose glycoprotein alpha-glucosyltransferase
UniProt Comments for ggtA	Recognizes glycoproteins with minor folding defects. Reglucosylates single N-glycans near the misfolded part of the protein, thus providing quality control for protein folding in the endoplasmic reticulum ().
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