Deoxyguanosinetriphosphate Triphosphohydrolase (dgt) Yersinia Pestis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Deoxyguanosinetriphosphate triphosphohydrolase (dgt), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis Deoxyguanosinetriphosphate triphosphohydrolase (dgt), partial
Product Gene Name	dgt recombinant protein
Product Synonym Gene Name	dgt
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	58,424 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 Q8ZBM5
Species	Yersinia pestis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dgt recombinant protein	MBS1378956 is a recombinant protein targeting dgt. Also known as Recombinant Yersinia pestis Deoxyguanosinetriphosphate triphosphohydrolase (dgt), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dgt 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 dgt. It may not necessarily be applicable to this product.

NCBI GI #	488138161
NCBI Accession #	WP_002209369.1
UniProt Primary Accession #	Q8ZBM5
UniProt Secondary Accession #	Q0WBR3
GenBank Nucleotide #	WP_002209369.1
NCBI Official Full Name	deoxyguanosinetriphosphate triphosphohydrolase
UniProt Protein Name	Deoxyguanosinetriphosphate triphosphohydrolase
Protein Family	Deoxyguanosinetriphosphate triphosphohydrolase

UniProt Gene Name	dgt
UniProt Synonym Gene Names	dGTP triphosphohydrolase; dGTPase
UniProt Comments for dgt	dGTPase preferentially hydrolyzes dGTP over the other canonical NTPs.
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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