Xanthine Phosphoribosyltransferase (gpt) Yersinia Pseudotuberculosis Serotype Ib Recombinant Protein

PRODUCT OVERVIEW

Product Name	Xanthine phosphoribosyltransferase (gpt), Recombinant Protein
Full Product Name	Recombinant Yersinia pseudotuberculosis serotype IB Xanthine phosphoribosyltransferase (gpt)
Product Gene Name	gpt recombinant protein
Sequence	MNEKYVVTWD MLQIHARKLA QRLLPAEQWK GIIAVSRGGL VPAGILAREL GIRYVDTVCI SSYDHDNQRD LKVLKRAEGD GEGFIVIDDL VDTGGTATAI REMYPKAHFV TIFAKPAGRP LVDDYVVDIP QNTWIEQPWD MAVTFVAPLS GK
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	16,966 Da
Sequence Positions	1-152, Full length
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 B2K658
Species	Yersinia pseudotuberculosis serotype IB (strain PB1/+)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gpt recombinant protein	MBS1264717 is a recombinant protein targeting gpt. Also known as Recombinant Yersinia pseudotuberculosis serotype IB Xanthine phosphoribosyltransferase (gpt). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gpt 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 gpt. It may not necessarily be applicable to this product.

NCBI GI #	488137496
NCBI Accession #	WP_002208704.1
UniProt Primary Accession #	B2K658
GenBank Nucleotide #	WP_002208704.1
NCBI Official Full Name	MULTISPECIES: xanthine phosphoribosyltransferase
UniProt Protein Name	Xanthine phosphoribosyltransferase

UniProt Synonym Protein Names	Xanthine-guanine phosphoribosyltransferase
Protein Family	Alanine aminotransferase
UniProt Gene Name	gpt
UniProt Synonym Gene Names	XGPRT
UniProt Comments for gpt	Acts on guanine, xanthine and to a lesser extent hypoxanthine.
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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