Uracil Phosphoribosyltransferase Homolog (UPRT) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uracil phosphoribosyltransferase homolog (UPRT), Recombinant Protein
Full Product Name	Recombinant Bovine Uracil phosphoribosyltransferase homolog (UPRT)
Product Gene Name	UPRT recombinant protein
Product Synonym Gene Name	UPRT
Sequence	MATELRCPDS MPCHNQQVNS ASTQNPEPQQ AGDLILAHAG GNSDSAATLT LLSGHAHSSV PAELDPQASG GATFNSENNG GTGNYDAPAS DSLLGDCEIS RQIGAQLKLL PMNDQIRELQ TIIRDKTASR GDFMFSADRL IRLVVEEGLN QLPYEECMVT TPTGFKYEGV KFEKGNCGVS IMRSGEAMEQ GLRDCCRSIR IGKILIQSDE ETQRAKVYYA KFPPDIYRRK VLLMYPILST GNTVIEAVKV LIEHGVQPSV IILLSLFSTP HGAKSIIQEF PEITILTTEV HPVAPTHFGQ KYFGTD
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	33,355 Da
Sequence Positions	1-306, full length protein
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 Q32LA4
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UPRT recombinant protein	This gene encodes uracil phosphoribosyltransferase, which catalyzes the conversion of uracil and 5-phosphoribosyl-1-R-diphosphate to uridine monophosphate (UMP). This reaction is an important part of nucleotide metabolism, specifically the pyrimidine salvage pathway. The enzyme localizes to the nucleus and cytoplasm. The protein is a potential target for rational design of drugs to treat parasitic infections and cancer.
Other Notes	Small volumes of UPRT 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.
Searchable Terms for UPRT purchase	MBS1355932 is a recombinant protein targeting UPRT. Also known as Recombinant Bovine Uracil phosphoribosyltransferase homolog (UPRT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

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

NCBI GI #	115495911
NCBI GeneID	540851

NCBI Accession #	NP_001069713.1
UniProt Primary Accession #	Q32LA4
UniProt Related Accession #	Q32LA4
GenBank Nucleotide #	NM_001076245.2
NCBI Official Full Name	uracil phosphoribosyltransferase homolog
NCBI Official Synonym Full Names	uracil phosphoribosyltransferase homolog
NCBI Official Symbol	UPRT
UniProt Protein Name	Uracil phosphoribosyltransferase homolog
Protein Family	Uracil phosphoribosyltransferase
UniProt Gene Name	UPRT
NCBI Protein Information	uracil phosphoribosyltransferase homolog
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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