Pyrimidine-Nucleoside Phosphorylase (pdp) Staphylococcus Epidermidis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pyrimidine-nucleoside phosphorylase (pdp), Recombinant Protein
Full Product Name	Recombinant Staphylococcus epidermidis Pyrimidine-nucleoside phosphorylase (pdp)
Product Gene Name	pdp recombinant protein
Product Synonym Gene Name	pdp
Sequence	MRMIDIIEKK RDGKSLTKEE IEFFVNGYTH EEVPDYQASS LAMAIFFQDM NDEERAALTM SMVNSGEKID LSDINGIKVD KHSTGGVGDT TTLVLAPLVA AVGVPVAKMS GRGLGHTGGT IDKLESVKGF NVEISEKDFI KLVNDNQVAV IGQSGNLTPA DKKLYALRDV TGTVNSIPLI ASSIMSKKIA AGADAIVLDV KTGSGAFMKT LDDAEALAHA MVRIGNNVGR NTMAIISDMS QPLGNAIGNA LELKEAISTL KGNGPKDLTE LVLTLGSQMV VLAEQATSLD EARQMLIDAI KTGKALNKFK TFLSNQGGDD SIVDSPEKLP SAKYQVEFKA KKDGYITEII ANEIGVASMM LGAGRQTKED VIDLGVGIVL NKKVGEHVEK GENILTIHTN TKEIDDILYK LDNSITIESK GEAPTLIHKI ITE
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	46,360 Da
Sequence Positions	1-433, 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 Q8CNH8
Species	Staphylococcus epidermidis (strain 12228)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pdp recombinant protein	MBS1336779 is a recombinant protein targeting pdp. Also known as Recombinant Staphylococcus epidermidis Pyrimidine-nucleoside phosphorylase (pdp). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pdp 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 pdp. It may not necessarily be applicable to this product.

NCBI GI #	27468653
NCBI GeneID	1056987
NCBI Accession #	NP_765290.1

UniProt Primary Accession #	Q8CNH8
UniProt Related Accession #	Q8CNH8
GenBank Nucleotide #	NC_004461.1
NCBI Official Full Name	pyrimidine-nucleoside phosphorylase
NCBI Official Symbol	SE1735
UniProt Protein Name	Pyrimidine-nucleoside phosphorylase
Protein Family	Petal death protein
UniProt Gene Name	pdp
UniProt Synonym Gene Names	pyn; PYNP; Py-NPase
NCBI Protein Information	pyrimidine-nucleoside phosphorylase
UniProt Comments for pdp	Catalyzes phosphorolysis of the pyrimidine nucleosides uridine, thymidine and 2'-deoxyuridine with the formation of the corresponding pyrimidine base and ribose-1-phosphate.
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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