NAD (P)h-Hydrate Epimerase (PVX_117475) Plasmodium Vivax Recombinant Protein

PRODUCT OVERVIEW

Product Name	NAD (P)H-hydrate epimerase (PVX_117475), Recombinant Protein
Full Product Name	Recombinant Plasmodium vivax NAD (P)H-hydrate epimerase
Product Gene Name	PVX_117475 recombinant protein
Sequence	MRKELLLRTT NHSAFQNSVY LLGFLRFAKF QLSSRANISN VRPFKGRRTN CAATSVHSNR MEVTYLSQSL AQTIDNELMS DDVGYTTEQL MELAGLSIAQ IICREYSLDR FKKVLIFCGP GNNGGDGLVA ARHLKHFGYD VTVAYPKEKT KVLFQRLLKL LQHYHVPVVK SATGEDLKLY DLVVDALFGF SFTGEPRSPF DEIIHTINQS NKPVVSVDVP SGTNIDGGSA ANALSVNSEM NISLMLPKEG VRHYGKKHYL GGRFIPNSIV EKYNLKVPQF AGDNSYVQL
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	32,254 Da
Sequence Positions	1-289, 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 A5K3F9
Species	Plasmodium vivax (strain Salvador I)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PVX_117475 recombinant protein	MBS1261827 is a recombinant protein targeting PVX_117475. Also known as Recombinant Plasmodium vivax NAD (P)H-hydrate epimerase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PVX_117475 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 PVX_117475. It may not necessarily be applicable to this product.

NCBI GI #	156100125
NCBI GeneID	5475088
NCBI Accession #	XP_001615790.1
UniProt Primary Accession #	A5K3F9
UniProt Related Accession #	A5K3F9

GenBank Nucleotide #	XM_001615740.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	PVX_117475
UniProt Protein Name	NAD(P)H-hydrate epimerase
UniProt Synonym Protein Names	NAD(P)HX epimerase
Protein Family	NAD(P)H-hydrate epimerase
UniProt Gene Name	PVX_117475
NCBI Protein Information	hypothetical protein
UniProt Comments for PVX_117475	Catalyzes the epimerization of the S- and R-forms of NAD(P)HX, a damaged form of NAD(P)H that is a result of enzymatic or heat-dependent hydration. This is a prerequisite for the S-specific NAD(P)H-hydrate dehydratase to allow the repair of both epimers of NAD(P)HX.
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