Protoporphyrinogen Oxidase (PPOX) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protoporphyrinogen oxidase (PPOX), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis Protoporphyrinogen oxidase (PPOX)
Product Gene Name	PPOX recombinant protein
Product Synonym Gene Name	PPOX
Sequence	MGRTVVVLGG GISGLAASYH LSRAPCPPKV VLVEGSERLG GWIRSVRGPN GAIFELGPRG IRPAGALGAR TLLLVSELGL DSEVLPVRGD HPAAQNRFLY VGGALHALPT GLRGLLRPSP PFSKPLFWAG LRELTKPRGK EPDETVHSFA QRRLGPEVAS LAMDSLCRGV FAGNSRELSI RSCFPSLFQA EQTHRSVLLG LLLGAGRTPQ PDSALIRQAL AERWSQWSLR GGLEMLPQAL ETHLTSRGVS VLRGQPVCGL SLQAEGRWKV SLRDSSLEAD HVISAIPASV LSELLPAEAA PLARALSAIT AVSVAVVNLQ YQGAHLPVQG FGHLVPSSED PGVLGIVYDS VAFPEQDGSP PGLRVTVMLG GSWLQTLEAS GCVLSQELFQ QRAQEAAAAQ LGLKELPSHC LVHLHKNCIP QYTLGHWQKL ESARQFLAAH RLPLTLAGAS YEGVAVNDCI ESGRQAAVSV LGTEPNG
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	50,613 Da
Sequence Positions	1-477, 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 Q60HD5
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PPOX recombinant protein	MBS1358153 is a recombinant protein targeting PPOX. Also known as Recombinant Macaca fascicularis Protoporphyrinogen oxidase (PPOX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PPOX 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 PPOX. It may not necessarily be applicable to this product.

NCBI GI #	62287017
NCBI GeneID	101867136
NCBI Accession #	Q60HD5.1
UniProt Primary Accession #	Q60HD5

UniProt Related Accession #	Q60HD5
NCBI Official Full Name	Protoporphyrinogen oxidase
NCBI Official Symbol	PPOX
NCBI Official Synonym Symbols	PPO
UniProt Protein Name	Protoporphyrinogen oxidase
UniProt Gene Name	PPOX
UniProt Synonym Gene Names	PPO
NCBI Protein Information	protoporphyrinogen oxidase
UniProt Comments for PPOX	Catalyzes the 6-electron oxidation of protoporphyrinogen-IX to form protoporphyrin-IX.
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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