Putative Pterin-4-Alpha-Carbinolamine Dehydratase (RPA0404) Rhodopseudomonas Palustris Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative pterin-4-alpha-carbinolamine dehydratase (RPA0404), Recombinant Protein
Full Product Name	Recombinant Rhodopseudomonas palustris Putative pterin-4-alpha-carbinolamine dehydratase (RPA0404)
Product Gene Name	RPA0404 recombinant protein
Sequence	MNRLSASERQ AALRELPGWL ELEEREAIGR SYQFKDFSEA FGFMTRVALA AEKADHHPEW RNVYRTVDVV LTTHDAGGVT ERDVKLAKAM DAIAERCGAR
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	11,322 Da
Sequence Positions	1-100, 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 P61734
Species	Rhodopseudomonas palustris (strain BAA-98 / CGA009)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPA0404 recombinant protein	MBS1158505 is a recombinant protein targeting RPA0404. Also known as Recombinant Rhodopseudomonas palustris Putative pterin-4-alpha-carbinolamine dehydratase (RPA0404). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RPA0404 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 RPA0404. It may not necessarily be applicable to this product.

NCBI GI #	499469332
NCBI Accession #	WP_011155972.1
UniProt Primary Accession #	P61734
GenBank Nucleotide #	WP_011155972.1
NCBI Official Full Name	4a-hydroxytetrahydrobiopterin dehydratase

UniProt Protein Name	Putative pterin-4-alpha-carbinolamine dehydratase
UniProt Synonym Protein Names	4-alpha-hydroxy-tetrahydropterin dehydratase
UniProt Gene Name	RPA0404
UniProt Synonym Gene Names	PHS; PCD
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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