Putative Pterin-4-Alpha-Carbinolamine Dehydratase (Acid345_2331) (Acid345_2331) Koribacter Versatilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative pterin-4-alpha-carbinolamine dehydratase (Acid345_2331), Recombinant Protein
Full Product Name	Recombinant Koribacter versatilis Putative pterin-4-alpha-carbinolamine dehydratase (Acid345_2331)
Product Gene Name	Acid345_2331 recombinant protein
Product Synonym Gene Name	Acid345_2331
Sequence	MSKTLTDPEL QTALGSLHGW AKNGIAIERK YEFKDFLEAM KFVNKVADAA EAAGHHPDIQ IVYSRVTLQL TSHDSGGVTH RDIKMAGRLN EIHP
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	10,426 Da
Sequence Positions	1-94, 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 Q1IP68
Species	Koribacter versatilis (strain Ellin345)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Acid345_2331 recombinant protein	MBS1308658 is a recombinant protein targeting Acid345_2331. Also known as Recombinant Koribacter versatilis Putative pterin-4-alpha-carbinolamine dehydratase (Acid345_2331). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Acid345_2331 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 Acid345_2331. It may not necessarily be applicable to this product.

NCBI GI #	499842399
NCBI Accession #	WP_011523133.1
UniProt Primary Accession #	Q1IP68
GenBank Nucleotide #	WP_011523133.1

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	Acid345_2331
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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