Octopine Permease ATP-Binding Protein P (occP) Rhizobium Meliloti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Octopine permease ATP-binding protein P (occP), Recombinant Protein
Full Product Name	Recombinant Rhizobium meliloti Octopine permease ATP-binding protein P (occP)
Product Gene Name	occP recombinant protein
Sequence	MSNSVRPAVK LTGIRKNFGL LEVLHGVSLT ANQGEVISIL GSSGSGKSTL LRCVNMLEVP NSGSVSIMGE EIALNHRSGH PSRPKYPKQV NRLRERAAMV FQSFHLWSHL TILQNVMEAP LHVQRRDRKE CHAEAEALLE RVGIASKRNA FPSELSGGQQ QRAAIARALA MRPEVLLFDE PTSALDPELV GEVLRVMRNL AAEGRTMLIV THEMDFARDV SSRSVFLHQG VIAEEGLSSE MFANPRTERF RQFLRRDGAA SH
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	29,036 Da
Sequence Positions	1-262, 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 P72297
Species	Rhizobium meliloti (Ensifer meliloti) (Sinorhizobium meliloti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for occP recombinant protein	MBS1261986 is a recombinant protein targeting occP. Also known as Recombinant Rhizobium meliloti Octopine permease ATP-binding protein P (occP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of occP 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 occP. It may not necessarily be applicable to this product.

NCBI GI #	6685720
NCBI Accession #	P72297.1
UniProt Primary Accession #	P72297
NCBI Official Full Name	Octopine permease ATP-binding protein P
UniProt Protein Name	Octopine permease ATP-binding protein P
Protein Family	Octopine permease ATP-binding protein

UniProt Gene Name	occP
UniProt Comments for occP	Component of the octopine active transport system probably consisting of four subunits: Q, M, P and T.
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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