Hydrogenase Expression/Formation Protein Hupg (hupG) Rhodobacter Capsulatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hydrogenase expression/formation protein hupG (hupG), Recombinant Protein
Full Product Name	Recombinant Rhodobacter capsulatus Hydrogenase expression/formation protein hupG (hupG)
Product Gene Name	hupG recombinant protein
Sequence	MHDFHMPDTA PPSGKTHPLV ARLTTEFGWP RLENAHDLRE FTTRPGAHCL FVPGDAARNL ETPDAAVVLP ELRQAFQNAF DCAVVGDGIE TELRETTRVL KTPSFLFFRD GDFLGGIEKI RDWDDYIART SHILAAKG
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	15,431 Da
Sequence Positions	1-138, 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 Q03006
Species	Rhodobacter capsulatus (Rhodopseudomonas capsulata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hupG recombinant protein	MBS1223356 is a recombinant protein targeting hupG. Also known as Recombinant Rhodobacter capsulatus Hydrogenase expression/formation protein hupG (hupG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hupG 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 hupG. It may not necessarily be applicable to this product.

NCBI GI #	399967
NCBI Accession #	Q03006.1
UniProt Primary Accession #	Q03006
NCBI Official Full Name	Hydrogenase expression/formation protein HupG
UniProt Protein Name	Hydrogenase expression/formation protein HupG
Protein Family	Hydrogenase expression/formation protein
UniProt Gene Name	hupG

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