UDP-Glucose 6-Dehydrogenase (udg) Rickettsia Conorii Recombinant Protein

PRODUCT OVERVIEW

Product Name	UDP-glucose 6-dehydrogenase (udg), Recombinant Protein
Full Product Name	Recombinant Rickettsia conorii UDP-glucose 6-dehydrogenase (udg)
Product Gene Name	udg recombinant protein
Product Synonym Gene Name	udg
Sequence	MNITFIGSGY VGLVSGIIMG YLGHNVTCLD NDEVKISKLN KQILPIYEAK LDEYLKQALE SDRLKFTNIY NNELQNADAI FITVGTPSKG LGEADLKYVY DAIDKVFEHI NKDCLIVIKS TVPPGSCSNI IAYLKSRGFS FNVASNPEFL REGSAVEDFL YPDRIVIGVN NKESEAILRK IYAPLQGVKF VVTDLVTSEL IKYASNSFLA TKIAFINEMA DLCEKIGGNI KDLSKGVGLD QRIGQNFLNA GPGFGGSCFP KDILALNNLV ENHHIDCRIL KAVIKSNKQR PSNMVDKIAT LLDGDLKGKN IAILGLTYKA GTDDVRASPA IAIVKILLNK DVYVKAFDPI GLENAKKNLE HKNLLYLDSA VDACKSVDII VIATEWSEFK ELNWQEIYDL VKSPIIIDFR NILDNETMKK IGFRYYAVGS KI
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	47,878 Da
Sequence Positions	1-432, 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 Q92GB1
Species	Rickettsia conorii (strain VR-613 / Malish 7)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for udg recombinant protein	MBS1482972 is a recombinant protein targeting udg. Also known as Recombinant Rickettsia conorii UDP-glucose 6-dehydrogenase (udg). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of udg 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 udg. It may not necessarily be applicable to this product.

NCBI GI #	499284717
NCBI Accession #	WP_010977777.1
UniProt Primary Accession #	Q92GB1
GenBank Nucleotide #	WP_010977777.1

NCBI Official Full Name	UDP-glucose 6-dehydrogenase
UniProt Protein Name	UDP-glucose 6-dehydrogenase
Protein Family	Putative UDP-glucose 6-dehydrogenase
UniProt Gene Name	udg
UniProt Synonym Gene Names	UDP-Glc dehydrogenase; UDP-GlcDH; UDPGDH
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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