UPF0350 Protein Wigbr4380 (WIGBR4380) Wigglesworthia Glossinidia Brevipalpis Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0350 protein WIGBR4380 (WIGBR4380), Recombinant Protein
Full Product Name	Recombinant Wigglesworthia glossinidia brevipalpis UPF0350 protein WIGBR4380 (WIGBR4380)
Product Gene Name	WIGBR4380 recombinant protein
Product Synonym Gene Name	WIGBR4380
Sequence	MKIKNKSMVY WSCRRGMLEL DIIINNFFKK EFDFLSNKEK IFFVNMLSYD DIYLYKCLIF NYEPKNKKIK KIIKLIKRSS FSFS
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	10,328 Da
Sequence Positions	1-84, 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 Q8D2B6
Species	Wigglesworthia glossinidia brevipalpis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for WIGBR4380 recombinant protein	MBS1485462 is a recombinant protein targeting WIGBR4380. Also known as Recombinant Wigglesworthia glossinidia brevipalpis UPF0350 protein WIGBR4380 (WIGBR4380). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of WIGBR4380 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 WIGBR4380. It may not necessarily be applicable to this product.

NCBI GI #	499382671
NCBI Accession #	WP_011070242.1
UniProt Primary Accession #	Q8D2B6
GenBank Nucleotide #	WP_011070242.1

NCBI Official Full Name	succinate dehydrogenase assembly factor 2
UniProt Protein Name	FAD assembly factor SdhE
UniProt Gene Name	sdhE
UniProt Comments for WIGBR4380	An FAD assembly protein, which accelerates covalent attachment of the cofactor into other proteins. Plays an essential role in the assembly of succinate dehydrogenase (SDH, respiratory complex II), an enzyme complex that is a component of both the tricarboxylic acid cycle and the electron transport chain, and which couples the oxidation of succinate to fumarate with the reduction of ubiquinone (coenzyme Q) to ubiquinol. Required for flavinylation (covalent attachment of FAD) of the flavoprotein subunit SdhA of SDH and other flavinylated proteins as well.
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