UPF0350 Protein So_1339 (So_1339) (SO_1339) Shewanella Oneidensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0350 protein SO_1339 (SO_1339), Recombinant Protein
Full Product Name	Recombinant Shewanella oneidensis UPF0350 protein SO_1339 (SO_1339)
Product Gene Name	SO_1339 recombinant protein
Product Synonym Gene Name	SO_1339
Sequence	MELMNIARVR WACRRGMLEL DVLFQPFVDN VYQDLSDEDK VLFIRLLECE DPELFAWFMG HEVCPDPELA RMVVQVRGRA AP
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	9,641 Da
Sequence Positions	1-82, 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 Q8EH90
Species	Shewanella oneidensis (strain MR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SO_1339 recombinant protein	MBS1348444 is a recombinant protein targeting SO_1339. Also known as Recombinant Shewanella oneidensis UPF0350 protein SO_1339 (SO_1339). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SO_1339 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 SO_1339. It may not necessarily be applicable to this product.

NCBI GI #	24372917
NCBI GeneID	1169160
NCBI Accession #	NP_716959.1
UniProt Primary Accession #	Q8EH90
UniProt Related Accession #	Q8EH90

GenBank Nucleotide #	NC_004347.2
NCBI Official Full Name	protein of unknown function DUF339
NCBI Official Symbol	SO_1339
UniProt Protein Name	FAD assembly factor SdhE
UniProt Gene Name	sdhE
NCBI Protein Information	protein of unknown function DUF339
UniProt Comments for SO_1339	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.
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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