Selenide, Water Dikinase 2 (selD2) Eubacterium Acidaminophilum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Selenide, water dikinase 2 (selD2), Recombinant Protein
Full Product Name	Recombinant Eubacterium acidaminophilum Selenide, water dikinase 2 (selD2)
Product Gene Name	selD2 recombinant protein
Product Synonym Gene Name	selD2
Sequence	MDIKKLKLHH RLETNKLKTN KHYEEEVKLT QMVRAAGUAA KLGPEYLAKA LEIIPQVFNK DLLVGYEHSD DAAVYRINSE TALILTLDFF TPVVDDPYLF GLISATNSLS DVYAMGGKPL VAMNIVCFPA CKDVGILAQI LKGGFDKVQE SGAILVGGHS VDDNEPKYGL SVCGIVHPGR VLSNSAAKVG DVLVLTKPLG TGIINTGIKA GIVGQQTVDE VVKIMTHLNK YAALAFDDIR VNSATDVTGF GFLGHTMEMA RGSDVTIEIT VAQIPFIAET EELAKSGIIP AGAYRNRDFV KNDVRMEGIA DHISDILYDP QTAGGLLVSV PENDAKALVA KMLAYGSLDA RIVGRVIPKA DKYVIVR
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	39,584 Da
Sequence Positions	1-367, 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 Q9L473
Species	Eubacterium acidaminophilum
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for selD2 recombinant protein	MBS1384542 is a recombinant protein targeting selD2. Also known as Recombinant Eubacterium acidaminophilum Selenide, water dikinase 2 (selD2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of selD2 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 selD2. It may not necessarily be applicable to this product.

NCBI GI #	212283265
NCBI Accession #	Q9L473.2
UniProt Primary Accession #	Q9L473
NCBI Official Full Name	Selenide, water dikinase 2

UniProt Protein Name	Selenide, water dikinase 2
UniProt Synonym Protein Names	Selenium donor protein 2; Selenophosphate synthase 2
UniProt Gene Name	selD2
UniProt Comments for selD2	Synthesizes selenophosphate from selenide and ATP.
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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