Uncharacterized Aldolase Vng_0683c (Vng_0683c) (VNG_0683C) Halobacterium Salinarum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized aldolase VNG_0683C (VNG_0683C), Recombinant Protein
Full Product Name	Recombinant Halobacterium salinarum Uncharacterized aldolase VNG_0683C (VNG_0683C)
Product Gene Name	VNG_0683C recombinant protein
Product Synonym Gene Name	VNG_0683C
Sequence	MRPFEDSPIS RDGKVLILAY DHGLEHGPVD FEAVPATKDP EAVWDVATHD AVSAMAAQKG IAEAYYPSYS DDVNLLAKLN GTSNLWMGEP DSAVNWTVDY AADVGADAVG FTLYGGSNSE VEMAEEFRDA QEAARDHDLP VVMWSYPRGQ GLKNDKNPDT IAYAARQALE LGADIAKVKY PGSTDAMSHA VDMAGPTNVV MSGGSKTSDR DFLESVKGAI DAGASGLAVG RNVWQREHPA AFLDGLEAVV YEEASVDEAL GRI
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	28,083 Da
Sequence Positions	1-263, 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 Q9HRI2
Species	Halobacterium salinarum (strain 700922 / JCM 11081 / NRC-1) (Halobacterium halobium)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VNG_0683C recombinant protein	MBS1479914 is a recombinant protein targeting VNG_0683C. Also known as Recombinant Halobacterium salinarum Uncharacterized aldolase VNG_0683C (VNG_0683C). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VNG_0683C 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 VNG_0683C. It may not necessarily be applicable to this product.

NCBI GI #	499204932
NCBI Accession #	WP_010902472.1
UniProt Primary Accession #	Q9HRI2

GenBank Nucleotide #	WP_010902472.1
NCBI Official Full Name	aldolase
UniProt Protein Name	Fructose-bisphosphate aldolase class 1
UniProt Synonym Protein Names	Fructose-bisphosphate aldolase class I
UniProt Gene Name	VNG_0683C
UniProt Synonym Gene Names	FBP aldolase
UniProt Comments for VNG_0683C	Has aldolase activity with fructose 1,6-bisphosphate. May play a role in the biosynthesis of aromatic amino acids (AroAA).
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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