Uncharacterized Oxidoreductase Czco-Like (GK0582) Geobacillus Kaustophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized oxidoreductase CzcO-like (GK0582), Recombinant Protein
Full Product Name	Recombinant Geobacillus kaustophilus Uncharacterized oxidoreductase CzcO-like (GK0582)
Product Gene Name	GK0582 recombinant protein
Product Synonym Gene Name	GK0582
Sequence	MQHIVDVLVI GASQAGLAMG YYLKQNNILF AIVGKENRIG DVWRNRYDSL VLFTPRWFSS LPGMALKGDP NGYPTKDEIA DYLEDYAQKF ELPIHLNTEV ISLQKEDEIF KVTTNNGNYV AEKVVVATGP FQKPYIPPFA ESLSDKVYQV HTSRYLNPSQ LQEGSVLVVG AGNSGAQIAV ELSEDREVYL SVGHKMKFFP LEIMGKSIFW WFKKLGLLNV HINSSLGQFI SKQSDPIFGK ELKHLIQEGK IKIKPRTESI LGDVISFADN SQIQVQNVIW ATGFYSDYSW IQIPNVLDHR GKPIHQRGVT SVKGLYFLGL PWQYRRGSAL IGGVGADAEY LINDILNH
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	39,137 Da
Sequence Positions	1-348, Full length
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 Q5L2G3
Species	Geobacillus kaustophilus (strain HTA426)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GK0582 recombinant protein	MBS1353368 is a recombinant protein targeting GK0582. Also known as Recombinant Geobacillus kaustophilus Uncharacterized oxidoreductase CzcO-like (GK0582). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GK0582 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 GK0582. It may not necessarily be applicable to this product.

NCBI GI #	499549303
NCBI Accession #	WP_011230086.1
UniProt Primary Accession #	Q5L2G3
GenBank Nucleotide #	WP_011230086.1

NCBI Official Full Name	MULTISPECIES: oxidoreductase
UniProt Protein Name	Uncharacterized oxidoreductase CzcO-like
UniProt Gene Name	GK0582
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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