Pyruvate Synthase Subunit Pora (porA) Methanothermobacter Thermautotrophicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pyruvate synthase subunit porA (porA), Recombinant Protein
Full Product Name	Recombinant Methanothermobacter thermautotrophicus Pyruvate synthase subunit porA (porA)
Product Gene Name	porA recombinant protein
Product Synonym Gene Name	porA; MTH_1739
Product Synonym Names	Pyruvate synthase subunit porA; EC=1.2.7.1; Pyruvate oxidoreductase alpha chain; POR; Pyruvic-ferredoxin oxidoreductase subunit alpha
Sequence	VLKVISANQ AVAEAAKLAK PKVIPVYPIT PQTSISEYLA KFVADGELKA EYIRVESEHS AMSACVGASG AGVRVFTATS SQGLALMHEI VYAAAGLRNP IVMANANRAL SAPLSIWNDQ QDSIAERDSG WMQIYVESGQ EALDSVLLSY RVSEDRDVLL PSMVCLDGFI LTHTVEPVDI PSQEDVDSFL PEFQPQVMLD PDEPMSLGTF TDPDYYMEAR YEVEKAMERS RKIIERACRE FSEMFGREYG LVEEYRCEDA EIILVAMGSV CSTLREVIDE LRDKGKAVGL LKVRVHRPFP AEEIKSAVRN ASKVAVLDKN ITFSVGGALY TEISALLRDR EVYGFIVGLG GRDITPAHIE EIVRRTENPE RSVTWIGLKE ESE
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	42,448 Da
Sequence Positions	2-383aa; 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 P56810
Species	Methanothermobacter thermautotrophicus (strain 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for porA recombinant protein	MBS1252505 is a recombinant protein targeting porA. Also known as Recombinant Methanothermobacter thermautotrophicus Pyruvate synthase subunit porA (porA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of porA 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 porA. It may not necessarily be applicable to this product.

NCBI GI #	15679731

NCBI GeneID	1470824
NCBI Accession #	NP_276849.1
UniProt Primary Accession #	P56810
UniProt Related Accession #	P56810
GenBank Nucleotide #	NC_000916.1
NCBI Official Full Name	pyruvate oxidoreductase subunit alpha
NCBI Official Symbol	MTH1739
UniProt Protein Name	Pyruvate synthase subunit PorA
UniProt Synonym Protein Names	Pyruvate oxidoreductase alpha chain; POR; Pyruvic-ferredoxin oxidoreductase subunit alpha
Protein Family	Beta-porphyranase
UniProt Gene Name	porA
UniProt Synonym Gene Names	POR
UniProt Entry Name	PORA_METTH
NCBI Protein Information	pyruvate oxidoreductase subunit alpha
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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