Oxaloacetate Decarboxylase (Psyr_1256) (Psyr_1256) Pseudomonas Syringae Pv. Syringae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Oxaloacetate decarboxylase (Psyr_1256), Recombinant Protein
Full Product Name	Recombinant Pseudomonas syringae pv. syringae Oxaloacetate decarboxylase (Psyr_1256)
Product Gene Name	Psyr_1256 recombinant protein
Product Synonym Gene Name	Psyr_1256
Sequence	MPKASHQDLR RSFRALTSSN ACFHTASVFD PMSARIAADL GFEVGILGGS VASLQVLAAP DFALITLSEF VEQATRIGRV AQLPVIADAD HGYGNALNVM RTVVELERAG ISALTIEDTL LPAQFGRKST DLISTAEGVG KIRAALEARV DPEMSIFART NAAIIPVQEA ISRVQQYQAA GADGITIVGI RDFDHLAQIS EGVTVPLMLV TYGNPELHDN ARLAEMGVRV CVHGHAAYFA AIKATYDCLR EQRQILGNES NMSATELTHT YTQPEDYVEW ARKFMNVNE
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	31,361 Da
Sequence Positions	1-289, 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 Q4ZX15
Species	Pseudomonas syringae pv. syringae (strain B728a)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Psyr_1256 recombinant protein	MBS1329305 is a recombinant protein targeting Psyr_1256. Also known as Recombinant Pseudomonas syringae pv. syringae Oxaloacetate decarboxylase (Psyr_1256). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Psyr_1256 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 Psyr_1256. It may not necessarily be applicable to this product.

NCBI GI #	490541334
NCBI Accession #	WP_004406462.1
UniProt Primary Accession #	Q4ZX15

GenBank Nucleotide #	WP_004406462.1
NCBI Official Full Name	oxaloacetate decarboxylase
UniProt Protein Name	Oxaloacetate decarboxylase
UniProt Gene Name	Psyr_1256
UniProt Comments for Psyr_1256	Catalyzes the decarboxylation of oxaloacetate into pyruvate. Seems to play a role in maintaining cellular concentrations of bicarbonate and pyruvate.
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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