Methylmalonyl-Coa Carboxyltransferase 5s Subunit, Partial Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methylmalonyl-CoA carboxyltransferase 5S subunit, partial, Recombinant Protein
Full Product Name	Recombinant Methylmalonyl-CoA carboxyltransferase 5S subunit, partial
Product Synonym Names	Methylmalonyl-CoA carboxyltransferase 5S subunit; EC=2.1.3.1; Transcarboxylase 5S subunit
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	55,649 Da
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 Q70AC7
Species	Propionibacterium freudenreichii subsp. shermanii
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Methylmalonyl-CoA carboxyltransferase 5S subunit, partial recombinant protein	MBS1382287 is a recombinant protein targeting Methylmalonyl-CoA carboxyltransferase 5S subunit, partial. Also known as Recombinant Methylmalonyl-CoA carboxyltransferase 5S subunit, partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Methylmalonyl-CoA carboxyltransferase 5S subunit, partial 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 Methylmalonyl-CoA carboxyltransferase 5S subunit, partial. It may not necessarily be applicable to this product.

NCBI GI #	62901478
NCBI Accession #	Q70AC7.1
UniProt Primary Accession #	Q70AC7
UniProt Secondary Accession #	Q05618
NCBI Official Full Name	Methylmalonyl-CoA carboxyltransferase 5S subunit
UniProt Protein Name	Methylmalonyl-CoA carboxyltransferase 5S subunit
UniProt Synonym Protein Names	Transcarboxylase 5S subunit
UniProt Entry Name	5S_PROFR

UniProt Comments for Methylmalonyl-CoA carboxyltransferase 5S subunit, partial	The 5S subunit specifically catalyzes the transfer of the carboxyl group from biotin of the 1.3S subunit to pyruvate to form oxaloacetate and 1.3S biotin.
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