Dihydroxy-Acid Dehydratase (ilvD) Chlorobium Tepidum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dihydroxy-acid dehydratase (ilvD), Recombinant Protein
Full Product Name	Recombinant Chlorobium tepidum Dihydroxy-acid dehydratase (ilvD), partial
Product Gene Name	ilvD recombinant protein
Product Synonym Gene Name	ilvD
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	58,916 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 Q8KER4
Species	Chlorobium tepidum (strain 49652 / DSM 12025 / TLS)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ilvD recombinant protein	MBS1455023 is a recombinant protein targeting ilvD. Also known as Recombinant Chlorobium tepidum Dihydroxy-acid dehydratase (ilvD), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ilvD 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 ilvD. It may not necessarily be applicable to this product.

NCBI GI #	21673454
NCBI GeneID	1007743
NCBI Accession #	NP_661519.1
UniProt Primary Accession #	Q8KER4
UniProt Related Accession #	Q8KER4
GenBank Nucleotide #	NC_002932.3
NCBI Official Full Name	dihydroxy-acid dehydratase
NCBI Official Symbol	ilvD
UniProt Protein Name	Dihydroxy-acid dehydratase

Protein Family	Dihydroxy-acid dehydratase
UniProt Gene Name	ilvD
UniProt Synonym Gene Names	DAD
NCBI Protein Information	dihydroxy-acid dehydratase
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