Probable Imidazolonepropionase (amdhd1) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable imidazolonepropionase (amdhd1), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Probable imidazolonepropionase (amdhd1)
Product Gene Name	amdhd1 recombinant protein
Product Synonym Gene Name	amdhd1
Sequence	MGFDFKLKIS NASQLVVISK GKPFLIGKEM SNIEIIENGT MIIDENGIIF DIGTFKEMEE KYKDKSFEKV LDCTGKSVLP GFVDGHTHPV FSGDRVHEFA MKLAGATYLD VHKAGGGIQF TISHTKNSTE DELYQLLIPR LNRMLKNGTT LIEAKSGYGL ETETEMKMLK VLDRASKQFQ GVEIVSTYLG GHAIPKGMNA SEATDDIINK QIPELKRLKD AGEISPANID VFLEKGFFEY EDTKRILQAG KDIGLECNFH GDELSYMKSG ELAGELGCRA ISHLEKVSED GMKAMAATPT FAVLLPTTAY ILRLECPPAR RMIELGVPVA LGSDFNPNAH CLSMPFVMNL ACVLMKMNMN ESLVAATLNA AASINKSSTH GSLEVGKFAD FVILSADKWE HIIYEMVDPP ISHVFKKGNL VFSNNN
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	46,887 Da
Sequence Positions	1-426, 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 Q55CY3
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for amdhd1 recombinant protein	MBS1455037 is a recombinant protein targeting amdhd1. Also known as Recombinant Dictyostelium discoideum Probable imidazolonepropionase (amdhd1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of amdhd1 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 amdhd1. It may not necessarily be applicable to this product.

NCBI GI #	66825987
NCBI GeneID	8617303
NCBI Accession #	XP_646348.1

UniProt Primary Accession #	Q55CY3
GenBank Nucleotide #	XM_641256.1
NCBI Official Full Name	hypothetical protein DDB_G0269854
NCBI Official Symbol	amdhd1
UniProt Protein Name	Probable imidazolonepropionase
UniProt Synonym Protein Names	Amidohydrolase domain-containing protein 1 homolog
Protein Family	Probable imidazolonepropionase
UniProt Gene Name	amdhd1
NCBI Protein Information	amidohydrolase domain containing protein 1
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