N,n-Dimethylformamidase Beta Subunit (Dmfa2), Partial (dmfA2) Recombinant Protein

PRODUCT OVERVIEW

Product Name	N,N-dimethylformamidase beta subunit (dmfA2), partial, Recombinant Protein
Full Product Name	Recombinant N,N-dimethylformamidase beta subunit (dmfA2), partial
Product Gene Name	dmfA2 recombinant protein
Product Synonym Names	N,N-dimethylformamidase beta subunit; EC=3.5.1.56; N,N-dimethylformamidase heavy chain
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	84,700 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 Q9LCC0
Species	Alcaligenes sp.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dmfA2 recombinant protein	MBS1421800 is a recombinant protein targeting dmfA2. Also known as Recombinant N,N-dimethylformamidase beta subunit (dmfA2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dmfA2 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 dmfA2. It may not necessarily be applicable to this product.

NCBI GI #	75417764
NCBI Accession #	Q9LCC0.1
UniProt Primary Accession #	Q9LCC0
NCBI Official Full Name	N,N-dimethylformamidase beta subunit
UniProt Protein Name	N,N-dimethylformamidase beta subunit
UniProt Synonym Protein Names	N,N-dimethylformamidase heavy chain
Protein Family	N,N-dimethylformamidase
UniProt Gene Name	dmfA2
UniProt Entry Name	DMFAB_ALCSP

UniProt Comments for dmfA2	Hydrolyzes N,N-dimethylformamide, and to a lesser extent N,N-dimethylacetamide and N,N-diethylacetamide. Has no activity against the substituted amides N-methylformamide, N-ethylformamide, N-ethylformamide and N-methylacetamide or the unsubstituted amides formamide, nicotinamide, acetoamide, benzamide, acetamide and acrylamide.
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