Enamidase (ENA) Eubacterium Barkeri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Enamidase (Ena), Recombinant Protein
Full Product Name	Recombinant Eubacterium barkeri Enamidase (Ena)
Product Gene Name	Ena recombinant protein
Product Synonym Gene Name	Ena
Sequence	SKTIIKNIGK IVSGDIKSPV LQADTIVVED GLIAAIGGEE LMKDAGDATI IDAAGSTVTP GLLDTHVHVS GGDYAPRQKT MDFISSALHG GVTTMISAGS PHFPGRPKDA AGTKALAITL SKSYYNARPA GVKVHGGAVI LEKGLTEEDF IEMKKEGVWI VGEVGLGTIK NPEDAAPMVE WAHKHGFKVQ MHTGGTSIPG SSTVTADDVI KTKPDVVSHI NGGPTAISVQ EVDRIMDETD FAMEIVQCGN PKIADYVARR AAEKGQLGRV IFGNDAPSGT GLIPLGILRN MCQIASMSDI DPEVAVCMAT GNSTAVYGLN TGVIAPGKEA DLIIMDTPLG SVAEDAMGAI AAGDIPGISV VLIDGEAVVT KSRNTPPAKR AAKIL
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	39,923 Da
Sequence Positions	2-386, 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 Q0QLE9
Species	Eubacterium barkeri (Clostridium barkeri)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ena recombinant protein	MBS1343757 is a recombinant protein targeting Ena. Also known as Recombinant Eubacterium barkeri Enamidase (Ena). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ena 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 Ena. It may not necessarily be applicable to this product.

NCBI GI #	123337703
NCBI Accession #	Q0QLE9.1
UniProt Primary Accession #	Q0QLE9
NCBI Official Full Name	Enamidase

UniProt Protein Name	Enamidase
Protein Family	Enamidase
UniProt Gene Name	Ena
UniProt Comments for Ena	Decyclization of 6-oxo-1,4,5,6-tetrahydronicotinate to form 2-(enamine)glutarate, followed by hydrolysis to form (S)-2-formylglutarate.
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