Peptide Deformylase (def) Fusobacterium Nucleatum Subsp.nucleatum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Peptide deformylase (def), Recombinant Protein
Full Product Name	Recombinant Fusobacterium nucleatum subsp.nucleatum Peptide deformylase (def)
Product Gene Name	def recombinant protein
Product Synonym Gene Name	def
Sequence	MVYKIKKYGE DVLKQIAKEV ELSEINDEFR QFLDDMVETM YETDGVGLAA PQIGVSKRIF VCDDGNGVLR KVINPIIVPL TEETQEFEEG CLSVPGIYKK VERPKRVLLK YLNEYGKEVE EIAENFLAVV VQHENDHLDG ILFIEKISPM AKRLIAKKLA NIKKETKRIK EENE
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	19,999 Da
Sequence Positions	1-174, 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 Q8REF0
Species	Fusobacterium nucleatum subsp. nucleatum (strain 25586 / CIP 101130 / JCM 8532 / LMG 13131)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for def recombinant protein	MBS1439244 is a recombinant protein targeting def. Also known as Recombinant Fusobacterium nucleatum subsp.nucleatum Peptide deformylase (def). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of def 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 def. It may not necessarily be applicable to this product.

NCBI GI #	19704492
NCBI GeneID	991912
NCBI Accession #	NP_604054.1
UniProt Primary Accession #	Q8REF0
UniProt Related Accession #	Q8REF0

GenBank Nucleotide #	NC_003454.1
NCBI Official Full Name	polypeptide deformylase
NCBI Official Symbol	FN1157
UniProt Protein Name	Peptide deformylase
UniProt Synonym Protein Names	Polypeptide deformylase
Protein Family	Peptide deformylase
UniProt Gene Name	def
UniProt Synonym Gene Names	PDF
NCBI Protein Information	polypeptide deformylase
UniProt Comments for def	Removes the formyl group from the N-terminal Met of newly synthesized proteins. Requires at least a dipeptide for an efficient rate of reaction. N-terminal L-methionine is a prerequisite for activity but the enzyme has broad specificity at other positions.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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