Endonuclease V (nfi) Proteus Mirabilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endonuclease V (nfi), Recombinant Protein
Full Product Name	Recombinant Proteus mirabilis Endonuclease V (nfi)
Product Gene Name	nfi recombinant protein
Sequence	MINTQQLRQE QTEKAQQIIL TDQFMAPTYI AGADVGFENS GAVTRAAIVV MHYPSFEIVE YQIARIATLL PYIPGLLSFR ECPALLKAWQ GIKQKPQLVF VDGQGIAHPR RLGVASHFGL LADIPTIGVA KSRLCGDDKK LDDDVGSTEK LMDKDEQLGW IYRSKKRCKP LYISPGYKVS MESALAWVKR CINGYRLPEP TRWADGIASN RRLFEQLNKN KL
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	24,995 Da
Sequence Positions	1-222, 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 B4EYT7
Species	Proteus mirabilis (strain HI4320)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nfi recombinant protein	MBS1244920 is a recombinant protein targeting nfi. Also known as Recombinant Proteus mirabilis Endonuclease V (nfi). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nfi 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 nfi. It may not necessarily be applicable to this product.

NCBI GI #	501336868
NCBI Accession #	WP_012368503.1
UniProt Primary Accession #	B4EYT7
GenBank Nucleotide #	WP_012368503.1
NCBI Official Full Name	endonuclease V
UniProt Protein Name	Endonuclease V

UniProt Synonym Protein Names	Deoxyinosine 3'endonuclease
Protein Family	Nuclear factor
UniProt Gene Name	nfi
UniProt Synonym Gene Names	DNase V
UniProt Comments for nfi	DNA repair enzyme involved in the repair of deaminated bases. Selectively cleaves double-stranded DNA at the second phosphodiester bond 3' to a deoxyinosine leaving behind the intact lesion on the nicked DNA.
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