Probable Endonuclease 4 (nfo) Geobacter Lovleyi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable endonuclease 4 (nfo), Recombinant Protein
Full Product Name	Recombinant Geobacter lovleyi Probable endonuclease 4 (nfo)
Product Gene Name	nfo recombinant protein
Sequence	MSDYLGAHMS IAGGLHKSVE RAVAAGCGTL QIFTRSSNQW KGKPVSDKDA DLFRSSFAAS GLHEVISHDI YLINLAAPAG DTRDKSLAAF GDEMATCARL GINKIVMHPG SHTTDSPEAG LERVISAFDQ LFEQTPEYEG LVLLETTAGQ GTNLGRTFEE LQTIINGSKY PDRFGICFDT CHTFAAGYNT ATPEGYADVM AQFDRLLGLE RLLCFHFNDS KKGLGSRVDR HEHIGQGTLG LEPFRFIMHD PRFITVPKIL ETPKGDDDAM DQVNLALLRS L
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	30,726 Da
Sequence Positions	1-281, 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 B3E325
Species	Geobacter lovleyi (strain BAA-1151 / DSM 17278 / SZ)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nfo recombinant protein	MBS1128929 is a recombinant protein targeting nfo. Also known as Recombinant Geobacter lovleyi Probable endonuclease 4 (nfo). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nfo 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 nfo. It may not necessarily be applicable to this product.

NCBI GI #	501448154
NCBI Accession #	WP_012471603.1
UniProt Primary Accession #	B3E325
GenBank Nucleotide #	WP_012471603.1
NCBI Official Full Name	endonuclease
UniProt Protein Name	Probable endonuclease 4

UniProt Synonym Protein Names	Endodeoxyribonuclease IV
Protein Family	Probable endonuclease
UniProt Gene Name	nfo
UniProt Comments for nfo	Endonuclease IV plays a role in DNA repair. It cleaves phosphodiester bonds at apurinic or apyrimidinic sites (AP sites) to produce new 5'-ends that are base-free deoxyribose 5-phosphate residues. It preferentially attacks modified AP sites created by bleomycin and neocarzinostatin.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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