Cytosolic Fe-S Cluster Assembly Factor NBP35 (nbp-35) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytosolic Fe-S cluster assembly factor NBP35 (nbp-35), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa Cytosolic Fe-S cluster assembly factor NBP35 (nbp-35)
Product Gene Name	nbp-35 recombinant protein
Product Synonym Gene Name	nbp-35
Sequence	MAPSLEAEPE SVASVLANPQ KPQLVAPEPE HCPGPESQQA GTADSCAGCP NQAICATAPK GPDPDIPLIT ARLSGVKHKI LILSGKGGVG KSTFTSLLAH AFATNAEQTV GVMDTDICGP SIPKMLGVEG ETIHVSSTGW SPAWAMDNLA VMSIQFMLPN RDDAIIWRGP KKNGLIKQFL KDVEWGDLDF LLVDTPPGTS DEHLSVNTYL KKSGIDGAVM VTTPQEVSLL DVRKEIDFCR KAGIKVLGLV ENMSGFVCPK CTHESEIFKA TTGGGRKLAE EMGIAFLGSV PLDPRIGMAC DYGESFFDSF PDSPACRALK GVVKGLATEM GLDPEVVMPE EDDA
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	36,450 Da
Sequence Positions	1-344, Full length
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 Q7S8Z0
Species	Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nbp-35 recombinant protein	MBS1347721 is a recombinant protein targeting nbp-35. Also known as Recombinant Neurospora crassa Cytosolic Fe-S cluster assembly factor NBP35 (nbp-35). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nbp-35 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 nbp-35. It may not necessarily be applicable to this product.

NCBI GI #	85105790
NCBI GeneID	3878196
NCBI Accession #	XP_962036.1
UniProt Primary Accession #	Q7S8Z0

UniProt Related Accession #	Q7S8Z0
GenBank Nucleotide #	XM_956943.2
NCBI Official Full Name	cytosolic Fe-S cluster assembling factor nbp-35
NCBI Official Symbol	NCU08825
UniProt Protein Name	Cytosolic Fe-S cluster assembly factor nbp35
UniProt Synonym Protein Names	Nucleotide-binding protein 35
UniProt Gene Name	nbp35
NCBI Protein Information	cytosolic Fe-S cluster assembling factor nbp-35
UniProt Comments for nbp-35	Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NBP35-CFD1 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins.
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