Nuclear Distribution Protein Nudf (nudF) Aspergillus Flavus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nuclear distribution protein nudF (nudF), Recombinant Protein
Full Product Name	Recombinant Aspergillus flavus Nuclear distribution protein nudF (nudF)
Product Gene Name	nudF recombinant protein
Sequence	MPPLLTNRQA EELHKSMIAY LVASDLPDTA AALRREVNLS EDVFDPTTAK RYEGMLEKKW TSIARLQKKI MDLESRNATL QSELDNSTPA SRLKRNQDPA SWLPSTVRYS LESHRDKVNC VAFHPTFSSI ASGSDDCTIK IWDWELGELE RTLKGHTRAV RDVDYGGPRD NVLLASCSSD LSIKLWKPTD NYKNIRTLQG HDHIVSAVRF IPSRNLLVSA SRDNDMRIWD VTTGYCVKTI NGHTDWVRDV SISFDGRFLF STGQDMTARL WDISTVSNIE HKRTMLGHEN FIECCAFAPP TSYQFLAPLA GLGKRPSSTN GADFMATGSR DNTIKIWDSR GTCLMTLVGH DSWVQALVFH PGGKYLLSVS DDKTLRCWDL NQQGKCVKTL DAHESFVTSL RWAPGVAKNV PGGDGAAEGE GNDKNGAGSE NPANIQMRCV VATGGWDQKL KIFAG
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	50,557 Da
Sequence Positions	1-455, 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 B8N9H4
Species	Aspergillus flavus (strain 200026 / FGSC A1120 / NRRL 3357 / JCM 12722 / SRRC 167)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nudF recombinant protein	MBS1153525 is a recombinant protein targeting nudF. Also known as Recombinant Aspergillus flavus Nuclear distribution protein nudF (nudF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nudF 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 nudF. It may not necessarily be applicable to this product.

NCBI GI #	238491504
NCBI GeneID	7915689
NCBI Accession #	XP_002376989.1
UniProt Primary Accession #	B8N9H4
GenBank Nucleotide #	XM_002376948.1

NCBI Official Full Name	nuclear migration protein NudF
NCBI Official Symbol	AFLA_111200
UniProt Protein Name	Nuclear distribution protein nudF
UniProt Synonym Protein Names	Lissencephaly-1 homolog
Protein Family	Nuclear distribution protein
UniProt Gene Name	nudF
UniProt Synonym Gene Names	LIS-1
NCBI Protein Information	nuclear migration protein NudF
UniProt Comments for nudF	Positively regulates the activity of the minus-end directed microtubule motor protein dynein. May enhance dynein-mediated microtubule sliding by targeting dynein to the microtubule plus end. Required for nuclear migration during vegetative growth as well as development. Required for retrograde early endosome (EE) transport from the hyphal tip. Required for localization of dynein to the mitotic spindle poles. Recruits additional proteins to the dynein complex at SPBs.
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