Nuclear Pore Complex Protein Nup88 (mbo) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nuclear pore complex protein Nup88 (mbo), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Nuclear pore complex protein Nup88 (mbo), partial
Product Gene Name	mbo recombinant protein
Product Synonym Gene Name	mbo
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	78,681 Da
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 Q9GYU8
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mbo recombinant protein	MBS1470874 is a recombinant protein targeting mbo. Also known as Recombinant Drosophila melanogaster Nuclear pore complex protein Nup88 (mbo), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mbo 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 mbo. It may not necessarily be applicable to this product.

NCBI GI #	24646365
NCBI GeneID	41562
NCBI Accession #	NP_524330.2
UniProt Primary Accession #	Q9GYU8
UniProt Secondary Accession #	Q9VG41
UniProt Related Accession #	Q9GYU8
GenBank Nucleotide #	NM_079606.4
NCBI Official Full Name	members only

NCBI Official Synonym Full Names	members only
NCBI Official Symbol	mbo
NCBI Official Synonym Symbols	1465/07; 1465/7; anon-WO0118547.263; CG6819; DmelCG6819; Dnup 88; dNup88; Dnup88; DNup88; l(3)05043; l(3)S146507; Mbo; nup88; Nup88
UniProt Protein Name	Nuclear pore complex protein Nup88
UniProt Synonym Protein Names	88 kDa nuclear pore complex protein; Nucleoporin Nup88; Protein members only; dNup88
Protein Family	Nuclear pore complex protein
UniProt Gene Name	mbo
NCBI Protein Information	CG6819 gene product from transcript CG6819-RA
UniProt Comments for mbo	Essential component of nuclear pore complex. Selectively required for the nuclear import of the Rel family transcription factors dorsal (dl) and Dorsal-related immunity factor (Dif) and the activation of an immune response (PubMed:10921908). Required for the anchoring of Nup214 and emb on the nuclear envelope and thereby attenuates nuclear export signal (NES)-mediated nuclear export (PubMed:14638854).
Research Articles on mbo	**1.** Nup88 localizes to silent loci, Sec13, Nup98, and a subset of FG-repeat nucleoporins bind to developmentally regulated genes undergoing transcription induction.
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