Nucleolin (NCL) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nucleolin (NCL), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis Nucleolin (NCL), partial
Product Gene Name	NCL recombinant protein
Product Synonym Gene Name	NCL
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	76,742 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 Q4R4J7
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NCL recombinant protein	MBS1323492 is a recombinant protein targeting NCL. Also known as Recombinant Macaca fascicularis Nucleolin (NCL), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of NCL 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 NCL. It may not necessarily be applicable to this product.

NCBI GI #	545686812
NCBI GeneID	101865794
NCBI Accession #	NP_001270477.1
UniProt Primary Accession #	Q4R4J7
UniProt Related Accession #	Q4R4J7
GenBank Nucleotide #	NM_001283548.1
NCBI Official Full Name	nucleolin
NCBI Official Symbol	NCL
NCBI Official Synonym Symbols	QtsA-10605

UniProt Protein Name	Nucleolin
Protein Family	Nucleolin
UniProt Gene Name	NCL
NCBI Protein Information	nucleolin
UniProt Comments for NCL	Nucleolin is the major nucleolar protein of growing eukaryotic cells. It is found associated with intranucleolar chromatin and pre-ribosomal particles. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly. May play a role in the process of transcriptional elongation. Binds RNA oligonucleotides with 5'-UUAGGG-3' repeats more tightly than the telomeric single-stranded DNA 5'-TTAGGG-3' repeats ().
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