Nuclear Distribution Protein PAC1 (PAC1), Partial (PAC1) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nuclear distribution protein PAC1 (PAC1), partial, Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Nuclear distribution protein PAC1 (PAC1), partial
Product Gene Name	PAC1 recombinant protein
Product Synonym Gene Name	PAC1; LIS1; DEHA2C12386g
Product Synonym Names	Nuclear distribution protein PAC1; Lissencephaly-1 homolog; LIS-1; nudF homolog
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	58,896 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 Q6BUA6
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PAC1 recombinant protein	MBS1325319 is a recombinant protein targeting PAC1. Also known as Recombinant Debaryomyces hansenii Nuclear distribution protein PAC1 (PAC1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PAC1 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 PAC1. It may not necessarily be applicable to this product.

NCBI GI #	294655985
NCBI GeneID	2900137
NCBI Accession #	XP_458213.2
UniProt Primary Accession #	Q6BUA6
UniProt Related Accession #	Q6BUA6
GenBank Nucleotide #	XM_458213.1
NCBI Official Full Name	DEHA2C12386p

NCBI Official Symbol	DEHA2C12386g
UniProt Protein Name	Nuclear distribution protein PAC1
UniProt Synonym Protein Names	Lissencephaly-1 homolog; nudF homolog
Protein Family	Double-strand-specific pac1 ribonuclease
UniProt Gene Name	PAC1
UniProt Synonym Gene Names	LIS1; DEHA2C12386g; LIS-1
UniProt Entry Name	LIS1_DEBHA
NCBI Protein Information	DEHA2C12386p
UniProt Comments for PAC1	Positively regulates the activity of the minus-end directed microtubule motor protein dynein. Plays a central role in positioning the mitotic spindle at the bud neck during cell division. Targets cytoplasmic dynein to microtubule plus ends, thereby promoting dynein-mediated microtubule sliding along the bud cortex and consequently the movement of the mitotic spindle to the bud neck.
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