Condensin-2 Complex Subunit H2 (NCAPH2) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Condensin-2 complex subunit H2 (Ncaph2), Recombinant Protein
Full Product Name	Recombinant Rat Condensin-2 complex subunit H2 (Ncaph2)
Product Gene Name	Ncaph2 recombinant protein
Product Synonym Gene Name	Ncaph2
Sequence	MNFIEAALLI QGSACVYSKK VEYLYSLVYQ ALDFISGKRR AKQLSLVQED GSNRAVNSGT PCETEDEFLS LDDFPDSRAN VDLKNDQASS ELLIIPLLPM ALVAPDEVEK SSNPLYSCQG EVLASRKDFR MNTCTPDPRG SFMLDPVGMC PVEPVDVHPM PRSQKDAEEA EEQPMAVSRN GSPVSVRSIS QEPDGPALSS GDEDAEDVAE LPEVALEPAE PRTSQQTAIL PRRYMLRERQ GAPEPASQPQ ETPDPWQSLD PFDSLDSKLF QKGKPYSVPP GVEEAPGQKR KRKGATKLQD FHQWYLDAYA EHPDGRRARR KGPSFADMEV LYWKHVKEQL ETLQKLRRRK MTERWLPGAK QDLWPAEEER LEEPLEDLGV ADDFLEAEEY VEESEGVMPR EAAGLDAEAI PESLKYEELV RRNVELFIAT SQKFIQETEL SQRIRDWEDT IQPLLQEQEQ HVPFDIHTYG DQLVSRFPQL NEWCPFAELV AGQPAFEVCR SMLASLQLAN DYTVEITQQP GLEAAVDTMS LRLLTHQRAH MRFQTYAAPS MAQP
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	62,637 Da
Sequence Positions	1-554, 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 Q4V8I2
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ncaph2 recombinant protein	MBS1367116 is a recombinant protein targeting Ncaph2. Also known as Recombinant Rat Condensin-2 complex subunit H2 (Ncaph2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ncaph2 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 Ncaph2. It may not necessarily be applicable to this product.

NCBI GI #	67846034
NCBI GeneID	300149
NCBI Accession #	NP_001020048.1

UniProt Primary Accession #	Q4V8I2
UniProt Related Accession #	Q4V8I2
GenBank Nucleotide #	NM_001024877.1
NCBI Official Full Name	condensin-2 complex subunit H2
NCBI Official Synonym Full Names	non-SMC condensin II complex, subunit H2
NCBI Official Symbol	Ncaph2
UniProt Protein Name	Condensin-2 complex subunit H2
UniProt Synonym Protein Names	Non-SMC condensin II complex subunit H2
UniProt Gene Name	Ncaph2
NCBI Protein Information	condensin-2 complex subunit H2
UniProt Comments for Ncaph2	Regulatory subunit of the condensin-2 complex, a complex that seems to provide chromosomes with an additional level of organization and rigidity and in establishing mitotic chromosome architecture. May play a role in lineage-specific role in T-cell development ().
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