Nucleosome Assembly Protein 1-Like 4 (NAP1L4) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nucleosome assembly protein 1-like 4 (Nap1l4), Recombinant Protein
Full Product Name	Recombinant Rat Nucleosome assembly protein 1-like 4 (Nap1l4)
Product Gene Name	Nap1l4 recombinant protein
Product Synonym Gene Name	Nap1l4
Sequence	AENSLSDGGP ADSVEAAKNA SNTEKLTDQV MQNPQVLAAL QERLDNVSHT PSSYIETLPK AVKRRINALK QLQVRCAHIE AKFYEEVHDL ERKYAALYQP LFDKRREFIT GDVEPTDAES AWHSENEEDD KLAGDMKNKV VIAEKEAAAV EELNPKGIPE FWFTIFRNVD MLSELVQEYD EPILKHLQDI KVKFSDPGQP MSFVLEFHFE PNDYFTNPVL TKTYKMKSEP DKADPFSFEG PEIVDCDGCT IDWKKGKNVT VKTIKKKQKH KGRGTVRTIT KQVPNESFFN FFSPLKASGD GESLDEDSEF TLASDFEIGH FFRERIVPRA VLYFTGEAIE DDDNFEEGEE GEEEELEGDE EGEDEDDADV NPKKEPIQPA ECKQQ
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	43,917 Da
Sequence Positions	2-386, 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 Q5U2Z3
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Nap1l4 recombinant protein	This gene encodes a member of the nucleosome assembly protein (NAP) family which can interact with both core and linker histones. It can shuttle between the cytoplasm and nucleus, suggesting a role as a histone chaperone. This gene is one of several located near the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer.
Other Notes	Small volumes of Nap1l4 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.
Searchable Terms for Nap1l4 purchase	MBS1433826 is a recombinant protein targeting Nap1l4. Also known as Recombinant Rat Nucleosome assembly protein 1-like 4 (Nap1l4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Nap1l4. It may not necessarily be applicable to this product.

NCBI GI #	58865912

NCBI GeneID	361684
NCBI Accession #	NP_001012170.1
UniProt Primary Accession #	Q5U2Z3
UniProt Related Accession #	Q5U2Z3
GenBank Nucleotide #	NM_001012170.1
NCBI Official Full Name	nucleosome assembly protein 1-like 4
NCBI Official Synonym Full Names	nucleosome assembly protein 1-like 4
NCBI Official Symbol	Nap1l4
UniProt Protein Name	Nucleosome assembly protein 1-like 4
UniProt Gene Name	Nap1l4
NCBI Protein Information	nucleosome assembly protein 1-like 4
UniProt Comments for Nap1l4	Acts as histone chaperone in nucleosome assembly.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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