H/ACA Ribonucleoprotein Complex Non-Core Subunit NAF1 (NAF1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	H/ACA ribonucleoprotein complex non-core subunit NAF1 (Naf1), Recombinant Protein
Full Product Name	Recombinant Rat H/ACA ribonucleoprotein complex non-core subunit NAF1 (Naf1)
Product Gene Name	Naf1 recombinant protein
Product Synonym Gene Name	Naf1
Sequence	MEVVEAAAQL QTLKFGGSGP GSAASPPPEE RPDAEQAEQA PPAGEQPPPA PSSDAGENPP PPSGPCATAP DAAEPLPELQ DSDSSDSDSD SETDSDSSSS SSSSSSSSSS CGSLPPVLSD GEEDVQVEKE NKNFPLKTKD ELLLNELPSV EELTVTLPED IALKPLGKVS SIIEQLVIIE SMTNIPPVNE DTVIFKSDRQ AAGKIFEIFG PVAHPFYVLR FNSSEHIESK GIKIKDTMYF APSMKDFTQY IFTEKLKQDR GSDASWKNDQ EPPPEALDFS DDEKEKEAKQ RKKSQIQGRK KLKSELNESG EDFGEVHQNW NANSSSEHSK GYHNREFTRG FPRGRYSRGS HGRPPPQQYY NSDPMASQES LGFPPQRQDN PVMPHYPFPP PMFDMHNFPL PPPPPPPPTV SMGWAAPSMT SHPVLNLPYS LPPPPLPPPP PPPSPGESNS SHFGSYY
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	49,764 Da
Sequence Positions	1-457, 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 Q52KK4
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Naf1 recombinant protein	MBS1316643 is a recombinant protein targeting Naf1. Also known as Recombinant Rat H/ACA ribonucleoprotein complex non-core subunit NAF1 (Naf1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Naf1 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 Naf1. It may not necessarily be applicable to this product.

NCBI GI #	67078478
NCBI GeneID	306387
NCBI Accession #	NP_001019943.1

UniProt Primary Accession #	Q52KK4
UniProt Related Accession #	Q52KK4
GenBank Nucleotide #	NM_001024772.1
NCBI Official Full Name	H/ACA ribonucleoprotein complex non-core subunit NAF1
NCBI Official Synonym Full Names	nuclear assembly factor 1 ribonucleoprotein
NCBI Official Symbol	Naf1
NCBI Official Synonym Symbols	RGD1306802
UniProt Protein Name	H/ACA ribonucleoprotein complex non-core subunit NAF1
Protein Family	H/ACA ribonucleoprotein complex
UniProt Gene Name	Naf1
NCBI Protein Information	H/ACA ribonucleoprotein complex non-core subunit NAF1
UniProt Comments for Naf1	RNA-binding protein required for the maturation of box H/ACA snoRNPs complex and ribosome biogenesis. During assembly of the H/ACA snoRNPs complex, it associates with the complex and disappears during maturation of the complex and is replaced by NOLA1/GAR1 to yield mature H/ACA snoRNPs complex. Probably competes with NOLA1/GAR1 for binding with DKC1/NOLA4 ().
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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