

Recombinant Human Nucleosome Assembly Protein 1-Like 1, His-tagged

Cat. No. NAP1L1-4744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NAP1L1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	Human
Description	NAP1L1, also known as nucleosome assembly protein 1-like 1, belongs to the nucleosome assembly protein (NAP) family. This protein participates in DNA replication and may play a role in modulating chromatin formation and contribute to the regulation of cell proliferation.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT
Molecular Weight	47.2 kDa (408aa), confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MADIDNKEQS ELDQDLDDVE EEEEEETGEE TKLKARQLTV QMMQNPQILA ALQERLDGLV ETPTGYIESL PRVVKRRVNA LKNLQVKCAQ IEAKFYEEVH DLERKYAVLY QPLFDKRFEI INAIYEPTTE ECEWKPDEED EISEELKEKA KIEDEKKDEE KEDPKGIPF WLTVFKNVDL

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LSDMVQEHDE PILKHLKDIK VKFSDAGQPM SFVLEFHFEP NEYFTNEVLT
 KTYRMRSEPD DSDPFSFDGP EIMGCTGCQI DWKKGKNVTL KTIKKKQKHK
 GRGTVRTVTK TVSNDSFFNF FAPPEVPESG DLDDDAEAIL AADFEIGHFL
 RERIIPRSVL YFTGEAIEDD DDDYDEEGEE ADEEGEEEGD EENDPDYDPK
 KDQNPAEC

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

NAP1L1 nucleosome assembly protein 1-like 1 [Homo sapiens]

Official Symbol

NAP1L1

Synonyms

NAP1L1; nucleosome assembly protein 1-like 1; HSP22-like protein interacting protein; NAP-1 related protein; NAP-1-related protein; hNRP; NRP; NAP1; NAP1L; MGC8688; FLJ16112; MGC23410; NAP1L1

Gene ID

4673

mRNA Refseq

NM_004537

Protein Refseq

NP_004528

MIM

164060

UniProt ID

P55209

Chromosome Location

12q21.2

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Function

protein binding

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