

Recombinant human NAP1L1 protein

Catalog Number: ATGP1298

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-388aa

UniProt No.

P55209

NCBI Accession No.

NP_004528

Alternative Names

Nucleosome assembly protein 1-like 1, NAP1, NAP1L, NRP

PRODUCT SPECIFICATION

Molecular Weight

47.1 kDa (408aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human NAP1L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH> MADIDNKEQS ELDQDLDDVE EEEEEETGEE TKLKARQLTV QMMQNPQILA

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ALQERLDGLV ETPTGYIESL PRVVKRRVNA LKNLQVKCAQ IEAKFYEEVH DLERKYAVLY QPLFDKRFEI INAIYEPTTE
ECEWKPDEED EISEELKEKA KIEDEKKDEE KEDPKGIPEF WLTVFKNVDL LSDMVQEHDE PILKHLKDIK VKFSDAGQPM
SFVLEHFHPEP NEYFTNEVLT KTYRMRSEPD DSDPFSFDGP EIMGCTGCQI DWKKGKNVTL KTIKKKQKHK GRGTVRTVTK
TVSNDSFFNF FAPPEVPESG DLDDDAEAIL AADFEIGHFL RERIIPRSVL YFTGEAIEDD DDDYDEEGEE ADEEGEEEGD
EENDPDYDPK KDQNPAEC

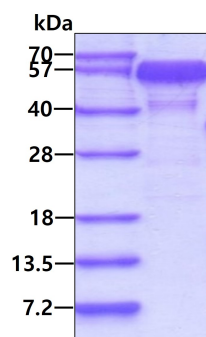
General References

Simon H.-u., et al. (1994) *Biochem. J.* 297:389-397

Beausoleil S.A., et al. (2006) *Nat. Biotechnol.* 24:1285-1292

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.