

Recombinant Human NAP1L4, His-tagged

Cat. No. NAP1L4-29718TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 24-375 of Human NAP1L4 with an N terminal His tag. Predicted mwt: 42 kDa;
Species	Human
Source	E.coli
ProteinLength	24-375 a.a.
Description	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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 95 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Store at 4°C. Upon reconstitution store at -80oC.

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Sequences of amino acids

TEKLTQVMQNPRLAALQERLDNVPHTPSSYIETLPKAV KRRINALKQLQVRCABI
EAKFYEEVHDLERKYAALYQP LFDKRREFITGDVEPTDAESEWHSNEEEEEKLAGD
MKSKV VVTEKAAATAEEPDPKGIPEFWFTIFRNVDMLSELVQE YDEPILKHLQDIKV
KFSDPGQPMSFVLEFHFEPNDYFT NSVLTKTYKMKSEPDKADPFSFEGPEIVDCDG
CTIDWKKG KNVTVKTIKKKQKHKGRTVTRITKQVPNESFFNFFNP LKASGDGESL
DEDESEFTLASDFEIGHFFRERIVPRAVLYFTGEAIEDDDNFEEGEEGEEEELEGDEE
GEDEDDAEINP KV

GENE INFORMATION

Gene Name [NAP1L4 nucleosome assembly protein 1-like 4 \[Homo sapiens \]](#)

Official Symbol [NAP1L4](#)

Synonyms NAP1L4; nucleosome assembly protein 1-like 4; NAP2;

Gene ID [4676](#)

mRNA Refseq [NM_005969](#)

Protein Refseq [NP_005960](#)

MIM [601651](#)

Uniprot ID [Q99733](#)

Chromosome Location 11p15.5

Function unfolded protein binding;

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