

Recombinant Human NAP1L4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NAP1L4-1857H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NAP1L4 MS Standard C13 and N15-labeled recombinant protein (NP_005960) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	42.8 kDa
AA Sequence	MADHSFSDGVPSDSVEAAKNASNTEKLTQVMQNPRVLAALQERLDNVPHTPSSYI ETLPKAVKRRINALKQLQVRCAHIEAKFYEEVHDLERKYAALYQPLFDKRREFITGDV EPTDAESEWHSSENEEEKLAGDMKSKVVTEKAAATAEPPDPKGIPEFWFTIFRNV DMLSELVQEYDEPILKHLQDIKVKFSDPGQPMSFVLEFHFEPNDYFTNSVLTKTYKM KSEPDKADPFSEFEGPEIVDCDGTIDWKKGKNVTVKTIKKKQKHKGRTVVRTITKQV PNESFFNFFNPLKASGDGESLDEDSEFTLASDFEIGHFFRERIVPRAVLYFTGEAIED

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	DDNFEEGEEGEEEELEGDEEGEDEDDAEINPKVTRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NAP1L4 nucleosome assembly protein 1-like 4 [Homo sapiens (human)]
Official Symbol	NAP1L4
Synonyms	NAP1L4; nucleosome assembly protein 1-like 4; NAP2; NAP-2; nucleosome assembly protein 2; nucleosome assembly protein 1-like 4b; NAP2L; hNAP2; NAP1L4b; MGC4565;
Gene ID	4676
mRNA Refseq	NM_005969
Protein Refseq	NP_005960
MIM	601651

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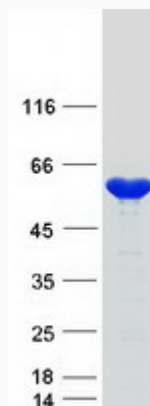
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UniProt ID

Q99733

SDS-PAGE

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