

## Product datasheet for TP301407

### NAP1L4 (NM\_005969) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nucleosome assembly protein 1-like 4 (NAP1L4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201407 protein sequence Red=Cloning site Green=Tags(s)

MADHSFSDGVPSPDSVEAAKNASNTEKLTQVMQNPVLAALQERLDNVPHTPSSYIETLPKAVKRRINAL  
KQLQVRCAHIEAKFYEEVHDLERKYAALYQPLFDKRREFITGDVEPTDAESEWHSENEEEKLAGDMKSK  
VVTEKAAATAEEDPKGIPEFWFTIFRNVDMLSELVQEYDEPILKHLQDIKVKFSDPGQPMSFVLEFHF  
EPNDYFTNSVLTKTYKMKSEPKADPFSEFEGPEIVDCDGCTIDWKKGKNVTVKTIKKKQKHKGRGTVRTI  
TKQVPNESFFNFFNPLKASGDGESLDEDESEFTLASDFEIGHFFRERIVPRAVLYFTGEAIEDDDNFEEGE  
EGEEEELEGDEEGEDEDDAEINPKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	42.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005960</a>
Locus ID:	4676



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UniProt ID: [Q99733](#), [A0A024RCC9](#)

RefSeq Size: 2564

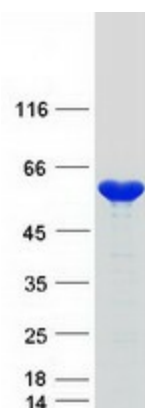
Cytogenetics: 11p15.4

RefSeq ORF: 1125

Synonyms: hNAP2; NAP1L4b; NAP2; NAP2L

**Summary:** 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. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified NAP1L4 protein (Cat# TP301407). The protein was produced from HEK293T cells transfected with NAP1L4 cDNA clone (Cat# [RC201407]) using MegaTran 2.0 (Cat# [TT210002]).