

Product datasheet for PH301407

NAP1L4 (NM_005969) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NAP1L4 MS Standard C13 and N15-labeled recombinant protein (NP_005960)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201407
Predicted MW:	42.8 kDa
Protein Sequence:	>RC201407 protein sequence Red=Cloning site Green=Tags(s)

MADHSFSDGVPSDSVEAAKNASNTEKLTQVMQNPVLAALQERLDNVPHTPSSYIETLPKAVKRRINAL
KQLQVRCAHIEAKFYEEVHDLERKYAALYQPLFDKRREFITGDVEPTDAESEWHSENEEEKLAGDMKSK
VYVTEKAAATAEEPDPKGIPEFWFTIFRNVDMLSELVQEYDEPILKHLQDIKVKFSDPGQPMSEVLEFHF
EPNDYFTNSVLTKTYKMKSEPKADPFSFEGPEIVDCDGTIDWKKGKNVTVKTIKKKQKHKGRGTVRTI
TKQVPNESFFNFFNPLKASGDGSLDEDESEFTLASDFEIGHFFRERIVPRAVLYFTGEAIEDDDNFEEGE
EGEEEELEGDEEGEDEDDAEINPKV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005960
RefSeq Size:	2564
RefSeq ORF:	1125
Synonyms:	hNAP2; NAP1L4b; NAP2; NAP2L
Locus ID:	4676



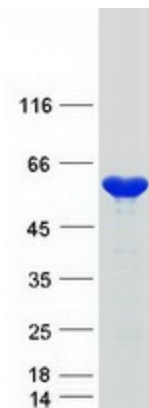
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UniProt ID: [Q99733](#), [A0A024RCC9](#)

Cytogenetics: 11p15.4

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]).