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**Product Data Sheet**


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Product Name: NAP1L4 Human  
 Cat. No.: GP24006  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Nucleosome assembly protein 1-like 4; Nucleosome assembly protein 2; NAP-2; NAP1L4; NAP2; hNAP2; NAP1L4b; NAP2L.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMADHSFS DGVPSDSVEA AKNASNTEKL TDQVMQNPRV LAALQERLDN VPHTPSSYIE TLPKAVKRRI NALKQLQVRC AHIEAKFYEE VHDLERKYAA LYQPLFDKRR EFITGDVEPT DAESEWHSEN EEEEKLAGDM KSKVVVTEKA AATAEEPDPK GIPEFWFTIF RNVDMLSELV QEYDEPILKH LQDIKVKFSD PGQPMSFVLE FHFEPNDYFT NSVLTKTYKM KSEPDKADPF SFEGPEIVDC DGCTIDWKKG KNVTVKTIKK KQKHKGRGTV RTITKQVPNE SFFNFFNPLK ASGDGESLDE DSEFTLASDF EIGHFFRERI VPRAVLYFTG EAIEDDDNFE EGEEGEEEEEL EGDEEGEDED DAEINPKV.		
Formulation	The NAP1L4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

**Introduction**

Nucleosome Assembly Protein 1-Like 4 (NAP1L4) is a part of the nucleosome assembly protein (NAP) family which interacts with both core and linker histones. NAP1L4 plays a role as a histone chaperone due to his ability to shuttle between the cytoplasm and nucleus. NAP1L4 modulates transcriptional activation by target nuclear receptors. NAP1L4 is one of several located near the imprinted gene domain of 11p15.5 which is an important tumor-suppressor gene region.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

NAP1L4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 398 amino acids (1-375) and having a molecular mass of 45.2 kDa. NAP1L4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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