9051 Mira Mesa Blvd, #910094
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NAP1L4 Human

Nucleosome Assembly Protein 1-Like 4 Human Recombinant
RCP1453

Product Overview

Name	NAP1L4 Human

Description

Nucleosome Assembly Protein 1-Like 4 Human Recombinant

Accession (Primary)	Q99733

Synonyms

Nucleosome assembly protein 1-like 4, Nucleosome assembly protein 2, NAP-2, NAP1L4, NAP2, hNAP2, NAP1L4b, NAP2L.

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The NAP1L4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MADHSFS DGVPSDSVEA AKNASNTEKL TDQVMQNPRV LAALQERLDN VPHTPSSYIE TLPKAVKRRI NALKQLQVRC AHIEAKFYEE VHDLERKYAA LYQPLFDKRR EFITGDVEPT DAESEWHSEN EEEEKLAGDM KSKVVVTEKA AATAEEPDPK GIPEFWFTIF RNVDMLSELV QEYDEPILKH

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LQDIKVKFSD PGQPMSFVLE FHFEPNDYFT NSVLTKTYKM KSEPDKADPF SFEGPEIVDC DGCTIDWKKG KNVTVKTIKK KQKHKGRGTV RTITKQVPNE SFFNFFNPLK ASGDGESLDE DSEFTLASDF EIGHFFRERI VPRAVLYFTG EAIEDDDNFE EGEEGEEEEL EGDEEGEDED DAEINPKV.

Precautions

NAP1L4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99733)