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NAP1L4, 1-375aa, Human, His tag, E.coli

产品货号: TP03093

第三版

别名:Nucleosome assembly protein 1-like 4, hNAP2, NAP1L4b, NAP2, NAP2L

描述:NAP1L4 is 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. Recombinant human NAP1L4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量:45.2 kDa (398aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMADHSFSDGVPSDSVEAAKNASNTEKLTQVMQNPRVLAALQERLDNVPHTPSS
YIETLPKAVKRRINALKQLQVRCAHIEAKFYEEVHDLERKYAALYQPLFDKRREFITGDVEPTDAESEWHSNEEEEEKLAGD
MKSKVVVTEKAAATAEPPDPKGIPEFWFTIFRNVDMLSELVQEYDEPILKHLQDIKVKFSDPGQPMSEVLEFHFEFNDYFT
NSVLTKTYKMKSEPKADPFSEFEGPEIVDCDGCTIDWKKGKNVTVKTIKKKQKHKGRGTVRTITKQVPNESFFNFFNPLK
ASGDGESLDEDESEFTLASDFEIGHFFRERIVPRAVLYFTGEAIEDDDNFEEGEEGEEEELEGDEEGEDEDDAEINPKV

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.