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32-4291: Recombinant Human Nuclear Cap Binding Protein Subunit 2

Alternative Name : CBP20,NIP1,Cell Proliferation-Inducing Gene 55 protein,NCBP-Interacting Protein 1,Cbc2,CBC2.

Description

Source : Escherichia Coli. NCBP2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 176 amino acids (1-156a.a.) and having a molecular mass of 20.1kDa.NCBP2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NCBP2 is a part of the nuclear cap-binding protein complex (CBC) that binds to the monomethylated 5'' cap of nascent pre-mRNA in the nucleoplasm. NCBP2 protein has an RNP domain usually located in RNA binding proteins, and contains the cap-binding activity. CBC promotes pre-mRNA splicing, 3''-end processing, RNA nuclear export, and nonsense-mediated mRNA decay.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The NCBP2 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl, 1mM DTT and 20% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSGGLLKALR SDSYVELSQY RDQHFRGDNE EQEKLLKKSC TLYVGNLSFY TTEEQIYELF SKSGDIKKII MGLDKMKKTA CGFCFVEYYS RADAENAMRY INGTRLDDRI IRTDWDAGFK EGRQYGRGRS GGQVRDEYRQ DYDAGRGGYG KLAQNQ

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