

NCBP2 Human

Description: 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.

Catalog #: PRPS-272

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

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MSGGLLKALR SDSYVELSQY
RDQHFRGDNE EQEKLLKKSC TLYVGNLSFY TTEEQIYELF SKSGDIKKII MGLDKMKKTA
CGGCFVEYY S RADAENAMRY INGTRLDDRI IRTDWDAGFK EGRQYGRGRS GGQVRDEYRQ
DYDAGRGGYG KLAQNQ

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:

The NCBP2 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl, 1mM DTT and 20% glycerol.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

Storage:

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.

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