

**NCBP2, 1-156aa, Human, His tag, E.coli**

**Cat.NO.: TP03103**

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3th Edition

**Synonyms:**Nuclear cap-binding protein subunit 2, CBC2, CBP20, NIP1, PIG55

**Description:**NCBP2, also known as CBC2, is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. This protein has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes premRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl,1mM DTT

**Molecular Weight:**20.1 kDa (176aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSGLLKALRSDSYVELSQYRDQHFRGDNEEQEKLLKKSCTLYVGNLSFYTTEE  
QIYELFSKSGDIKKIIMGLDKMKKTACGFCFVEYYSRADAENAMRYINGTRLDDRIIRDWDAGFKEGRQYGRGRSG  
GQVRDEYRQDYDAGRGGYGKLAQNN

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.