

## Product datasheet for **TP301519M**

### NCBP2 (NM\_007362) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human nuclear cap binding protein subunit 2, 20kDa (NCBP2), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC201519 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSGGLLKALRSDSYVELSQYRDQHFGRGDNEEQEKLLKKSCTLYVGNLSFYTTEEQIYELFSKSGDIKKII  
MGLDKMKKTACGFCFVEYYSRADAENAMRYINGTRLDDRIIRDWDAGFKEGRQYGRGRSGGQVRDEYRQ  
DYDAGRGGYGKLAQNN

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 17.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_031388](#)

**Locus ID:** 22916

**UniProt ID:** [P52298](#)



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RefSeq Size: 2175

Cytogenetics: 3q29

RefSeq ORF: 468

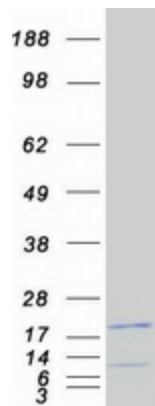
Synonyms: CBC2; CBP20; NIP1; PIG55

**Summary:** The product of this gene 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. The encoded protein has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

**Protein Pathways:** Spliceosome

### Product images:



Coomassie blue staining of purified NCBP2 protein (Cat# [TP301519]). The protein was produced from HEK293T cells transfected with NCBP2 cDNA clone (Cat# [RC201519]) using MegaTran 2.0 (Cat# [TT210002]).