

Product datasheet for TP301519

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, 20 µg

Species: Human

Expression Host: HEK293T

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

MSGGLLKALRSDSYVELSQYRDQHFRGDNEEQEKLLKKSCTLYVGNLSFYTTEEQIYELFSKSGDIKKII
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

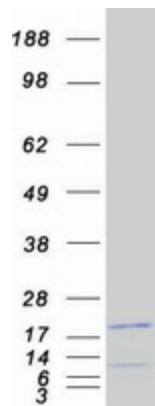
Synonyms: CBC2; CBP20; NIP1; PIG55

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]).