

Product datasheet for **TP301519L**

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, 1 mg
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:	<u>NP_031388</u>
Locus ID:	22916
UniProt ID:	<u>P52298</u>



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RefSeq Size: 2175

Cytogenetics: 3q29

RefSeq ORF: 468

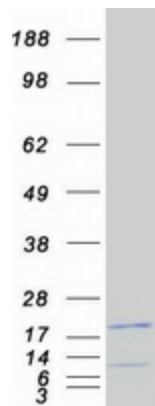
Synonyms: CBC2; CBP20; NIP1; PIG55

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]).