

Product datasheet for TP321605

NCBP2 (NM_001042540) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens nuclear cap binding protein subunit 2, 20kDa (NCBP2), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221605 representing NM_001042540 Red =Cloning site Green =Tags(s)
	MSGGLLKALRSDSYVELSQYRDQHFRGDNEEQEKLLKKSAYAENAMRYINGTRLDDRIIRDWDAGFKEGR QYGRGRSGGQVRDEYRQDYDAGRGGYGKLAQNQ
	SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.8 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_001036005
Locus ID:	22916
UniProt ID:	P52298
RefSeq Size:	2016



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Cytogenetics: 3q29

RefSeq ORF: 309

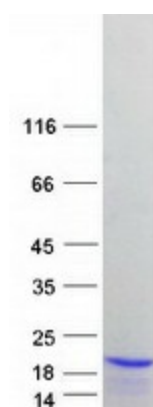
Synonyms: CBC2; CBP20; NIP1; PIG55

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# TP321605). The protein was produced from HEK293T cells transfected with NCBP2 cDNA clone (Cat# [RC221605]) using MegaTran 2.0 (Cat# [TT210002]).