

## Product datasheet for TP300630L

### NCBP1 (NM\_002486) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nuclear cap binding protein subunit 1, 80kDa (NCBP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200630 protein sequence Red=Cloning site Green=Tags(s)

MSRRRHS DENDGGQPHKRRKTS DANETEDHLES LICKVGEKSACSLESNLEGLAGVLEADLPNYKSKILR  
LLCTVARLLPEKLIYTTLVGLLNARNYNFGGEFVEAMIRQLKESLKANNYNEAVYLVRFLSDLVNCHVI  
AAPSMVAMFENFVSVTQEEDVPQVRRDWYVY AFLSSLPWVGKELYEKDAEMDRIFANTESYLKRRQKTH  
VPMLQVWTADKPHPQEEYLDCLWAQIQK LKKDRWQERHILRPYLA FDSILCEALQHNLPPFTPPPHTEDS  
VYPMRPRVIFRMFDYTDDPEGPVMPGSHSVERFVIEENLH CIIKSHWKERKTC AAQLVSYPGKNKIPLNYH  
IVEVIFAELFQLPAPPHIDVMYTTLLIELCKLQPGSLPQVLAQATEMLYMR LDTMNTTCVDRFINWFSHH  
LSNFQFRWSWEDWSDCLSQDPESP KPKFVREVLEKCMRLSYHQ RILDIVPPTFSALCPANPTCIYKYGDE  
SSNSLPGH SVALCLAVAFKSKATNDEIF SILKDVNPNQDDDDDEGFSFNPLKIEVFVQ TLLHLAAKSFS  
HSFSALAKFHEVFKTLAESDEGKLHVL RVMFEVWRNHPQMI AVLVDKMIRTQIVDCAAVANWIFSS ELSR  
DFTRLFVWEILHSTIRKMNKHV LKIQKELEEAKEKLARQH KRRSDDDDRSSDRKDG VLEE QIERLQEKVE  
SAQSEQKNLFLVIFQRFIMILTEHLVRCETDGTSV LTPWYKNCIERLQQIFLQH HQIIQQYMTLENLLF  
TAELDPHILAVFQQFCALQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

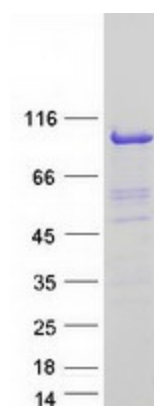
Tag:	C-Myc/DDK
Predicted MW:	91.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002477</a>
<b>Locus ID:</b>	4686
<b>UniProt ID:</b>	<a href="#">Q09161</a> , <a href="#">A0A024R179</a>
<b>RefSeq Size:</b>	5381
<b>Cytogenetics:</b>	9q22.33
<b>RefSeq ORF:</b>	2370
<b>Synonyms:</b>	CBP80; NCBP; Sto1
<b>Summary:</b>	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 promotes high-affinity mRNA-cap binding and associates with the CTD of RNA polymerase II. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. [provided by RefSeq, Jul 2008]
<b>Protein Pathways:</b>	Spliceosome

### Product images:



Coomassie blue staining of purified NCBP1 protein (Cat# [TP300630]). The protein was produced from HEK293T cells transfected with NCBP1 cDNA clone (Cat# [RC200630]) using MegaTran 2.0 (Cat# [TT210002]).