

Product datasheet for TP300630

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), 20 µg
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
AAPSMVAMFENFVSVTQEEDVPQVRRDWYVYAFSSLPWVGKELYEKDAEMDRIFANTESYLKRRQKTH
VPMLQVWTADKPHPQEEYLDCLWAQIQKLLKDRWQERHILRPYLA FDSILCEALQHNLPPFTPPPHTEDS
VYPMRPRVIFRMFDYTDDPEGPVMPGSHSVERFVIEENLHCIKSHWKERTCAAQLVSYPGKNKIPLNYH
IVEVIFAELFQLPAPPIDVMYTTLLIELCKLQPGSLPQVLAQATEMLYMR LDTMNTTCVDRFINWFSHH
LSNFQFRWSWEDWSDCLSQDPESP KPKFVREVLEKCMRLSYHQ RILDIVPPTFSALCPANPTCIYKYGDE
SSNSLPGH SVALCLAVAFKSKATNDEIFSILKDV PNPQDDDDDEGFSFNPLKIEVFVQ TLLHLAAKSFS
HSFSALAKFHEVFKTLAESDEGKLHVL RVMFEVWRNHPQMI AVLVDKMIRTQIVDCAAVANWIFSSLSR
DFTRLFVWEILHSTIRKMNKHV LKIQKELEEAKEKLARQH KRRSDDDDRSSDRKDG VLEE QIERLQEKVE
SAQSEQKNLFLVIFQRFIMILTEHLVRCETDGTSV LTPWYKNCIERLQQIFLQH HQIIQQYMTLENLLF
TAE LDPHILAVFQQFCALQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

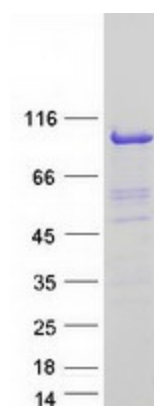
Tag:	C-Myc/DDK
Predicted MW:	91.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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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_002477
Locus ID:	4686
UniProt ID:	Q09161 , A0A024R179
RefSeq Size:	5381
Cytogenetics:	9q22.33
RefSeq ORF:	2370
Synonyms:	CBP80; NCBP; Sto1
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 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]
Protein Pathways:	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]).