

# Recombinant Full Length Human NCBP1 Protein

**Cat. No.** NCBP1-332HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human NCBP1 with N terminal proprietary tag; Predicted MW 112.64 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	790 amino acids
<b>Description</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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	112.640kDa inclusive of tags
<b>AA Sequence</b>	MSRRRHSDENDGGQPHKRRKTS DANETEDHLES LICKVGE KSACSLESNLEGLAG VLEADLPNYKSKILRLLCTVARLLP EKLTIYTTLVGLLNARNYNFGGGEFVEAMIRQLKE SLKANN YNEAVYLVRFSLDLVNCHVIAAPSMVAMFENFVSVTQEED VPQVRRDWY VYAF LSSLPWVGKELYEKKDAEMDRIFANTE SYLKRRQKTHVPMLQVWTADKPHP QEEYLDCLWAQIQK LK KDRWQERHILRPYLA FDSILCEALQHNLPPFTPPPHTE DS

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VYPMPRVIFRMFDYTDDPEGPVMPGSHSVERFVIEENLHC IIKSHWKERKTCAAQL  
 VSYPGKNKIPLNYHIVEVIFAELF QLPAPPHIDVMYTTLLIELCKLQPGSLPQVLAQAT  
 EMLYM RLDTMNTTCVDRFINWFSHLSNFQFRWSWEDWSDCLSQD PESPKPKFV  
 REVLEKCMRLSYHQRILDIVPPTFSALCPAN PTCIYKYGDESSNSLPGHSVALCLAV  
 AFKSKATNDEIFSI LKDVPNPNQDDDDDEGFSFNPLKIEVFVQTLHLAAKSFS HSF  
 SALAKFHEVFKTLAESDEGKLHVLRVMFEVWRNHPQM IAVLVDKMIRTQIVDCAAVA  
 NWIFSSSELSRDFTRLFVWEI LHSTIRKMNKHVLIQKELEEAKEKLARQHKRRSDDD  
 DRS SDRKDGVL EEQIERLQEKVES AQSEQKNLFLVIFQRFIMI LTEHLVRCETDGT  
 VLTPWYKNCIERLQQIFLQHHQIIQQ YMVTLENLLFTAELDPHILAVFQQFCALQA

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** [NCBP1 nuclear cap binding protein subunit 1, 80kDa \[ Homo sapiens \]](#)

**Official Symbol** [NCBP1](#)

**Synonyms** NCBP1; nuclear cap binding protein subunit 1, 80kDa; NCBP, nuclear cap binding protein subunit 1, 80kD; nuclear cap-binding protein subunit 1; CBP80; Sto1

**Gene ID** [4686](#)

**mRNA Refseq** [NM\\_002486](#)

**Protein Refseq** [NP\\_002477](#)

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<b>MIM</b>	600469
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<b>UniProt ID</b>	Q09161
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