

Recombinant Full Length Human NCBP1 Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human NCBP1 with N terminal proprietary tag; Predicted MW 112.64 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	790 amino acids
Description	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.
Form	Liquid
Molecular Mass	112.640kDa inclusive of tags
AA Sequence	MSRRRHSDENDGGQPHKRRKTSANETEDHLESICKVGE KSACSLESNLEGLAG VLEADLPNYKSKILRLLCTVARLLP EKLTITYTTLVGLLNARNYNFGGEFVEAMIRQLKE SLKANN YNEAVYLVRFSLDLVNCHVIAAPSMVAMFENFVSVTQEED VPQVRDWWY VYAFSSLPWVGKELYEKKDAEMDRIFANTE SYLKRRQKTHVPMLQVWTADKPHP QEEYLDCLWAQIQKLK KDRWQERHILRPYLAFDSILCEALQHNLPPFTPPHTEDS

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VYPMPRVIFRMFDYTDDPEGPVMPGSHSVERFVIEENLHC IIKSHWKERKTCAAQL
 VSYPGKNKIPLNYHIVEVIFAELF QLPAPPHIDVMYTTLLIELCKLQPGSLPQVLAQAT
 EMLYM RLDTMNTTCVDRFINWFSHLSNFQFRWSWEDWSDCLSQD PESPKPKFV
 REVLEKCMRLSYHQRILDIVPPTFSALCPAN PTCIYKYGDESSNSLPGHSVALCLAV
 AFKSKATNDEIFSI LKDVPNPQNQDDDDDEGFSFNPLKIEVFVQTLHLAAKSFS HSF
 SALAKFHEVFKTLAESDEGKLHVLRVMFEVWRNHPQM IAVLVDKMIRTQIVDCAAVA
 NWIFSSSELSRDFTRLFVWEI LHSTIRKMKNKHVLKIQKELEEAKEKLARQHKRRSDDD
 DRS SDRKDGVL EEQIERLQEKVESAQSEQKNLFLVIFQRFIMI LTEHLVRCETDGTS
 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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MIM	600469
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UniProt ID	Q09161
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