



# Recombinant Human Nuclear cap-binding protein subunit 1 (NCBP1)

<b>Product Code</b>	CSB-EP600211HU-B
<b>Abbreviation</b>	NCBP1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q09161
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSRRRHSDEN DGGQPHKRRK TSDANETEDH LESLICKVGE KSACSLESNL EGLAGVLEAD LPNYKSKILR LLCTVARLLP EKLTITYTTLV GLLNARNYNF GGEFVEAMIR QLKESLKANN YNEAVYLVRF LSDLVNCHVI AAPSMVAMFE NFVSVTQEED VPQVRRDWYV YAFLSSLPWV GKELYEKKDA EMDRIFANTE SYLKRRQKTH VPMLQVWTAD KPHPQEEYLD CLWAQIQKLG KDRWQERHIL RPLYAFDSIL CEALQHNLPP FTPPPHTEDS VYPMPRVIFR MFDYTDDPEG PVMPGSHSVE RFVIEENLHC IIKSHWKERK TCAAQLVSYP GKNKIPLNYH IVEVIFAELE QLPAPPHIDV MYTTLLIELC KLQPGSLPQV LAQATEMLYM RLDTMNTTCV DRFINWFSHH LSNFQFRWSW EDWSDCLSQD PESPKPKFVR EVLEKCMRLS YHQRILDIVP PTFALCPAN PTCIYKYGDE SSNSLPGHSV ALCLAVAFKS KATNDEIFSI LKDVPNPNQD DDDDEGFSFN PLKIEFVQTT LLHLAAKSFS HSFSALAKFH EVFKTLAESD EGKLVLRVM FEVWRNHPQM IAVLVDKMIR TQIVDCAAVA NWIFSSSELSR DFTRLFVWEI LHSTIRKMNK HVLKIQKELE EAKEKLARQH KRRSDDDDRS SDRKDGVLEE QIERLQEKVE SAQSEQKNLF LVIFQRFIMI LTEHLVRCET DGTSVLTPWY KNCIERLQQI FLQHHQIIQQ YMVTLENLLF TAELDPHILA VFQQFCALQA
<b>Source</b>	E.coli
<b>Target Names</b>	NCBP1
<b>Protein Names</b>	Recommended name: Nuclear cap-binding protein subunit 1 Alternative name(s): 80 kDa nuclear cap-binding protein Short name= CBP80 Short name= NCBP 80 kDa subunit
<b>Expression Region</b>	1-790
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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