



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

Product Code	CSB-MP600211HU
Abbreviation	NCBP1
Storage	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.
Uniprot No.	Q09161
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSRRRHSDEN DGGQPHKRRK TSDANETEDH LESLICKVGE KSACSLESNL EGLAGVLEAD LPNYKSKILR LLCTVARLLP EKLIYTTTLV GLLNARNYNF GGEFVEAMIR QLKESLKANN YNEAVYLVRF LSDLVNCHVI AAPSMVAMFE NFVSVTQEED VPQVRRDWYV YAFLSSLPWV GKELYEKKDA EMDRIFANTE SYLKRRQKTH VPMLQVWTAD KPHPQEEYLD CLWAQIQKLG KDRWQERHIL RPLYAFDSIL CEALQHNLPP FTPPPHTEDS VYPMPRVIFR MFDYTDDEEG PVMPGSHSVE RFVIEENLHC IIKSHWKERK TCAAQLVSYP GKNKIPLNYH IVEVIFAELE QLPAPPHIDV MYTTLLIELC KLQPGSLPQV LAQATEMLYM RLDTMNTTCV DRFINWFSHH LSNFQFRWSW EDWSDCLSQD PESPKPKFVR EVLEKCMRLS YHQRILDIVP PTFALCPAN PTCIYKYGDE SSNSLPGHSV ALCLAVAFKS KATNDEIFSI LKDVPNPNQD DDDDEGFSGN PLKIEVFVQT LLHLAAKSFS HSFALAKFH EVFKTLAESD EGKLVLRVM FEVWRNHPQM IAVLVDMIR TQIVDCAAVA NWIFSSLSR DFTRLFVWEI LHSTIRKMNK HVLKIQKELE EAKEKLARQH KRRSDDDDRS SDRKDGVLEE QIERLQEKVE SAQSEQKNLF LVIFQRFIMI LTEHLVRCET DGTSVLTPWY KNCIERLQQI FLQHHQIIQQ YMVTLENLLF TAELDPHILA VFQQFCALQA
Source	Mammalian cell
Target Names	NCBP1
Protein Names	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
Expression Region	1-790
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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