

Recombinant Human NCBP1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. NCBP1-131H Lot. No. (See product label)

SPECIFICATION

Product Overview	NCBP1 MS Standard C13 and N15-labeled recombinant protein (NP_002477) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	91.8 kDa
AA Sequence	MSRRRHSDENDGGQPHKRRKTS DANETEDHLES LICKVGEKSACSLESNLEGLAG VLEADLPNYKSKILRLLCTVARLLPEKLT IYTTLVGLLNARNYNFGGEFVEAMIRQLKE SLKANNYNEAVYLVRFLSDLVNCHVIAAPSMVAMFENFVSVTQEEDVPQVRRDWYV YAFLSSLPWVGKELYEKKDAEMDRIFANTESYLKRRQKTHVPM LQVWTADKPHPQE EYLDCLWAQIQK LKKDRWQERHILRPYLA FDSILCEALQHNLPPFTPPPHTEDSVYP MPRVIFRMFDYTD DPEGPVMPGSHSVERFVIEENLH CIIKSHWKERKTC AAQLVSY P GKNKIPLNYHIVEVIFAELFQLPAPP HIDVMYTTLLIELCKLQPGSLPQVLAQATEMLY

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MRLDTMNTTCVDRFINWFSHLSNFQFRWSWEDWSDCLSQDPESPCKPKFVREVLE
 KCMRLSYHQRILDIVPPTFSALCPANPTCIYKYGDESSNSLPGHSVALCLAVAFKSKA
 TNDEIFSILKDVPNPNQDDDDDEGFSFNPLKIEVFVQTLHLAAKSFSHSFSALAKFH
 EVFKTLAESDEGKLHVLRVMFEVWRNHPQMIAVLVDKMIRTQIVDCAAVANWIFSSSE
 LSRDFTRLFVWEILHSTIRKMNKHVLKIQKELEEAKEKLARQHKRRSDDDDRRSSDRK
 DGVLEEQIERLQEKVESAQSEQKNLFLVIFQRFIMILTEHLVRCETDGTSVLTPWYKN
 CIERLQQIFLQHHQIIQQYMTLENLLFTAELDPHILAVFQQFCALQATRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NCBP1 nuclear cap binding protein subunit 1 [Homo sapiens (human)]
Official Symbol	NCBP1
Synonyms	NCBP1; nuclear cap binding protein subunit 1; CBP80; NCBP; Sto1; nuclear cap-binding protein subunit 1; 80 kDa nuclear cap-binding protein; NCBP 80 kDa subunit; nuclear cap binding protein subunit 1, 80kDa
Gene ID	4686

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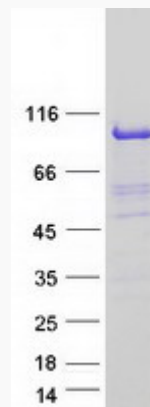
mRNA Refseq [NM_002486](#)

Protein Refseq [NP_002477](#)

MIM [600469](#)

UniProt ID [Q09161](#)

SDS-PAGE



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