

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	MSRRRHSDENDGGQPHKRRKTSANETEDHLESICKVGEKSACSLESNLEGLAG VLEADLPNYKSKILRLLCTVARLLPEKLTITYTTLVGLLNARNYNFGGEFVEAMIRQLKE SLKANNYNEAVYLVRFSLDLVNCHVIAAPSMVAMFENFVSVTQEEDVPQVRRDWYV YAFLSSLPWVGKELYEKKDAEMDRIFANTESYLRKRRQKTHVPMQLQVWTADKPHPQE EYLDCLWAQIQKLKKDRWQERHILRPYLAFDLSILCEALQHNLPPFTPPPHTEDSVYP MPRVIFRMFDYTDDPEGPVMPGSHSVERFVIEENLHCHIKSHWKERKTCAAQLVSYP GKNKIPLNYHIVEVIFAELFQLPAPPHIDVMYTTLLIELCKLQPGSLPQVLAQATEMLY

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MRLDTMNTTCVDRFINWFSHHLSNFQFRWSWEDWSDCLSQDPESPKPKFVREVLE
KCMRLSYHQRILDIVPPTFSALCPANPTCIYKYGDESSNSLPGHVSVALCLAVAFKSKA
TNDEIFSILKDVNPNNQDDDDDEGFSFNPLKIEVFVQTLHLAAKSFSSHSFSAKAFH
EVFKTLAESDEGKLHVLVRVMFEVWRNHPQMIAVLVDKMIRTQIVDCAAVANWIFSSE
LSRDFTRLFVWEILHSTIRKMNKHVLKIQKELEEAKEKLARQHKRRSDDDDRSSDRK
DGVLEEQIERLQEKVESASQSEQKNLFLVIFQRFIMILTEHLVRCETDGTSLTPWYKN
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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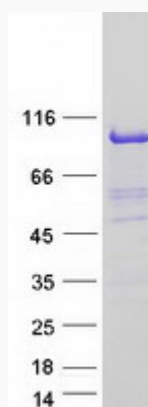
mRNA Refseq NM_002486

Protein Refseq NP_002477

MIM 600469

UniProt ID Q09161

SDS-PAGE



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