Recombinant Human NCBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NCBP2-468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NCBP2 MS Standard C13 and N15-labeled recombinant protein (NP_001036005) 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 has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	11.8 kDa
AA Sequence	MSGGLLKALRSDSYVELSQYRDQHFRGDNEEQEKLLKKSYAENAMRYINGTRLDDR IIRTDWDAGFKEGRQYGRGRSGGQVRDEYRQDYDAGRGGYGKLAQNQSGPTRTR RLEQKLISEEDLAANDILDYKDDDDKV
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

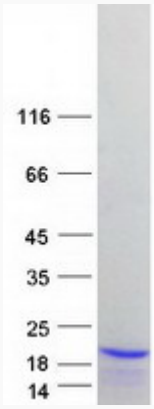
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NCBP2 nuclear cap binding protein subunit 2 [Homo sapiens (human)]
Official Symbol	NCBP2
Synonyms	NCBP2; nuclear cap binding protein subunit 2, 20kDa; nuclear cap binding protein subunit 2, 20kD; nuclear cap-binding protein subunit 2; Cbc2; CBP20; NIP1; NCBP 20 kDa subunit; NCBP interacting protein 1; NCBP-interacting protein 1; 20 kDa nuclear cap-binding protein; cell proliferation-inducing gene 55 protein; CBC2; PIG55;
Gene ID	22916
mRNA Refseq	NM_001042540
Protein Refseq	NP_001036005
MIM	605133
UniProt ID	P52298

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SDS-PAGE	

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