

Recombinant Human NCBP1 cell lysate

Cat. No. NCBP1-1171HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NCBP1 nuclear cap binding protein subunit 1, 80kDa [Homo sapiens]
Official Symbol	NCBP1
Synonyms	NCBP1; nuclear cap binding protein subunit 1, 80kDa; NCBP, nuclear cap binding protein subunit 1, 80kD; nuclear cap-binding protein subunit 1; CBP80; Sto1; NCBP 80 kDa subunit; 80 kDa nuclear cap-binding protein; NCBP; MGC2087;

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Gene ID	4686
mRNA Refseq	NM_002486
Protein Refseq	NP_002477
MIM	600469
UniProt ID	Q09161
Chromosome Location	9q34.1
Pathway	Abortive elongation of HIV-1 transcript in the absence of Tat, organism-specific biosystem; Cap binding complex, organism-specific biosystem; Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Disease, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem; Formation of RNA Pol II elongation complex, organism-specific biosystem;
Function	RNA binding; RNA cap binding; protein binding;

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