

Recombinant Human CNBP, His-tagged

Cat. No. CNBP-7534H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CNBP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-170aa
Antigen Description	CNBP is a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. It functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion in the first intron of this gene results in myotonic dystrophy type 2.
Form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 20% glycerol, 1mM DTT.
Molecular Mass	21 kDa (193aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSSENECF KCGRSGHWAR ECPTGGGRGR GMRSRGRGFQ FVSSSLPDIC YRCGESGHLA KDCDLQEDAC YNCGRGGHIA KDCKEPKRER EQCCYNCGKP GHLARDCDHA DEQKCYSCGE FGHIQKDCTK VKCYRCGETG HVAINCSKTS EVNCYRCGES GHLARECTIE ATA

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Purity	>90% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	CNBP CCHC-type zinc finger, nucleic acid binding protein [Homo sapiens]
Official Symbol	CNBP
Synonyms	CNBP; CCHC-type zinc finger, nucleic acid binding protein; DM2, zinc finger protein 9 , zinc finger protein 9 (a cellular retroviral nucleic acid binding protein) , ZNF9; cellular nucleic acid-binding protein; CNBP1; RNF163; ZCCHC22; zinc finger protein 273; erythroid differentiation-related; cellular nucleic acid binding protein; sterol regulatory element-binding protein; zinc finger protein 9 (a cellular retroviral nucleic acid binding protein); DM2; ZNF9; PROMM; FLJ11631;
Gene ID	7555
mRNA Refseq	NM_001127192
Protein Refseq	NP_001120664
MIM	116955
UniProt ID	P62633

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Chromosome Location	3q21
Function	DNA binding; metal ion binding; nucleic acid binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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