

Product information



CNBP, 1-170aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1978

Full name: Cellular nucleic acid-binding protein

NCBI Accession No.: NP_001120668

Synonyms: CNBP1, DM2, PROMM, RNF163, ZCCHC22, ZNF9

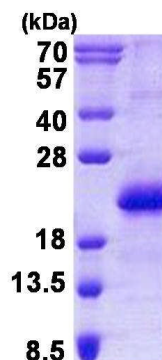
Description: CNBP is a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. It functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion in the first intron of this gene results in myotonic dystrophy type 2. Recombinant human CNBP protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl,
20% glycerol, 1mM DTT.

Molecular Weight: 21 kDa (193aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMSNECF KCGRSGHWAR ECPTGGGRGR GMRSRGRGFQ FVSSSLPDIC YRCGESGHLA KDCDLQEDAC
YNCGRGGHIA KDCKEPRER EQCCYNCGRP GHLARDCDHA DEQKCYSCGE FGHIQKDOCTK VKCYRCGETG HVAINCSTKS EVNCYRCGES
GHLARECTIE ATA

General references:

McGrath CF, Buckman JS, *et al.* (2003). *J Virol.* 77(15):8524-31.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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