

Product datasheet for **TP314473M**

CNBP (NM_003418) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human CCHC-type zinc finger, nucleic acid binding protein (CNBP), transcript variant 3, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC214473 representing NM_003418
Red=Cloning site **Green**=Tags(s)

MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGGFTSDRGFQFVSSSLPDICYRCGESGHLAKDCDLQ
EDACYNCGRGGHIAKDCKEKREREQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKDCTKVKCYRC
GETGHVAINCSKTSEVNCYRCGESGHLARECTIEATA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 19.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_003409](#)

Locus ID: 7555

UniProt ID: [P62633](#), [A0A0S2Z4K2](#)



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RefSeq Size: 1500

Cytogenetics: 3q21.3

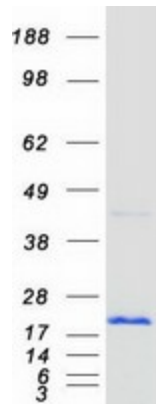
RefSeq ORF: 531

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

Summary: This gene encodes a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. The protein functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion from <30 repeats to 75-11000 repeats in the first intron of this gene results in myotonic dystrophy type 2. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2016]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified CNBP protein (Cat# [TP314473]). The protein was produced from HEK293T cells transfected with CNBP cDNA clone (Cat# [RC214473]) using MegaTran 2.0 (Cat# [TT210002]).