

CNBP Human

Description: CNBP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 193 amino acids (1-170 a.a) and having a molecular mass of 21kDa. CNBP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1378

For research use only.

Synonyms: CNBP1, DM2, PROMM, RNF163, ZCCHC22, ZNF9, Cellular nucleic acid-binding protein, CNBP, Zinc finger protein 9.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMSSNECF KCGRSGHWAR
ECPTGGGRGR GMRSRGRGFQ FVSSSLPDIC YRCGESGHLA KDCDLQEDAC YNCGRGGHIA
KDCKEPRKER EQCCYNCGKP GHLARDCDHA DEQKCYSCGE FGHIQKDTK VKCYRCGETG
HVAINCSKTS EVNCYRCGES GHLARECTIE ATA.

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

CNBP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 20% glycerol and 1mM DTT.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Cellular nucleic acid-binding protein (CNBP) is a nucleic-acid binding protein with seven zinc-finger domains, which has a preference for binding single stranded DNA and RNA. CNBP serves in cap-independent translation of ornithine decarboxylase mRNA, and also in sterol-mediated transcriptional regulation. The expansion of A CCTG in CNBP proteins first intron results in myotonic dystrophy type 2.

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