
Product Data Sheet

Product Name: CNBP Human
 Cat. No.: GP23184
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CNBP1; DM2; PROMM; RNF163; ZCCHC22; ZNF9; Cellular nucleic acid-binding protein; CNBP; Zinc finger protein 9.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSSENECF KCGRSGHWAR ECPTGGGRGR GMRSRGRGFQ FVSSSLPDIC YRCGESGHLA KDCDLQEDAC YNCGRGGHIA KDCKEPKRER EQCCYNCGKP GHLARDCDHA DEQKCYSCGE FGHIQKDCTK VKCYRCGETG HVAINCSKTS EVNCYRCGES GHLARECTIE ATA.		
Formulation	CNBP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 20% glycerol and 1mM DTT.		

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 protein's first intron results in myotonic dystrophy type 2.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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