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CNBP, 1-170aa, Human, His tag, E.coli

产品货号: TP01658

第三版

别名: Cellular nucleic acid-binding protein, CNBP1, DM2, PROMM, RNF163, ZCCHC22, ZNF9

描述: 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.

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

分子量: 21 kDa (193aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGFQFVSSSLPDICYRCGESGH
LAKDCDLQEDACYNCGRGGHIAKDCKEPREREQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKDCTKVKCY
RCGETGHVAINCSKTSEVNCYRCGESGHLARECTIEATA

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.