

Product datasheet for **RG225190**

CNBP (NM_001127192) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CNBP (NM_001127192) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CNBP
Synonyms: CNBP1; DM2; PROMM; RNF163; ZCCHC22; ZNF9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG225190 representing NM_001127192
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAGCAATGAGTGTCTCAAGTGTGGACGATCTGGCCACTGGGCCCGGAATGTCCTACTGGTGGAG
GCCGTGGTCGTGGAATGAGAAGCCGTGGCAGAGGTGGTTTTACCTCGGATAGAGGTTCCAGTTGTTTC
CTCGTCTTCCAGATATTTGTTATCGCTGTGGTGTGAGTCTGGTCATCTTGCCAAGGATTGTGATCTTCAG
GAGGATGTTGAAGCCTGTATACTGCGGTAGAGGTGGCCACATTGCCAAGGACTGCAAGGAGCCCAAGA
GAGAGCGAGAGCAATGCTGCTACAACGTGGCAAACAGGCCATCTGGCTCGTACTGCGACCATGCAGA
TGAGCAGAAATGCTATTCTTGTGGAGAATTCGGACACATTCAAAAAGACTGCACCAAAGTGAAGTGTCTAT
AGGTGTGGTAAACTGGTGTAGCCATCAACTGCAGCAAGACAAGTGAAGTCAACTGTTACCGCTGTG
CGGAGTCAGGGCACCTTGACCGGAATGCACAATTGAGGCTACAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225190 representing NM_001127192
Red=Cloning site Green=Tags(s)

MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGGFTSDRGFQFVSSSLPDIYRCGESGHLAKDCDLQ
EDVEACYNCGRGGHIAKDCKEPREREQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKDCTKVKCY
RCGETGHVAINCSKTSEVNCYRCGESGHLARECTIEATA

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja1799_h04.zip



[View online >](#)

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001127192.1](#), [NP_001120664.1](#)

RefSeq Size: 3399 bp

RefSeq ORF: 540 bp

Locus ID: 7555

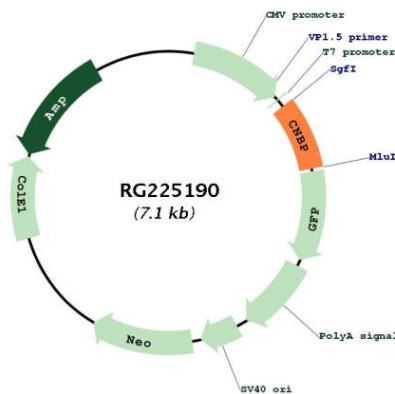
UniProt ID: [P62633](#)

Cytogenetics: 3q21.3

Protein Families: Druggable Genome, Transcription Factors

Gene 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]

Product images:



Circular map for RG225190