

Product datasheet for MR217968

Cnbp (NM_001109745) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cnbp (NM_001109745) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cnbp
Synonyms: AA408710; Cnbp1; Znf9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR217968 representing NM_001109745
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCAGCAACGAATGCTTCAAGTGTGGACGATCTGGCCACTGGGCCAGGGAGTGCCCTACTGGTGGAG
 GTCGGGGTCGTGGAATGAGAAGCCGCGGCAGAGGGTTCCAGTTTGTTCCTCGTCTCTCCCTGACATCTG
 CTACCGCTGTGGTGAAGTCTGGTCACTTTGCCAAGGATTGTGATCTGCAGGAGGATGAAGCCTGCTATAAC
 TGCGGTAGAGGTGGCCACATTGCCAAGGACTGCAAGGAGCCCAAGAGAGAGCGAGAGCAATGCTGCTACA
 ATTGTGGCAAGCCAGGCCATCTGGCTCGTACTGTGACCACGCGGATGAGCAGAAGTGTATTCTTGTGG
 TGAATTTGGACATATTCAAAAAGACTGCACCAAGGTGAAGTGTATAGGTGTGGTAAAAGTGGTCAATGTA
 GCCATCAATTGCAGCAAGACAAGTGAAGTCAACTGTTACCGCTGTGGCGAGTCAGGGCATCTTGACGGG
 AATGCACAATTGAGGCTACAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217968 representing NM_001109745
 Red=Cloning site Green=Tags(s)

MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGFQVSSSLPDIYRCGESGHLAKDCDLQEDEACYN
 CGRGGHIAKDCKEPREREQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKDCTKVKCYRCGETGHV
 AINCSKTSEVNCYRCGESGHLARECTIEATA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_001109745

ORF Size: 513 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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_001109745.1](#), [NP_001103215.1](#)

RefSeq Size: 2157 bp

RefSeq ORF: 516 bp

Locus ID: 12785

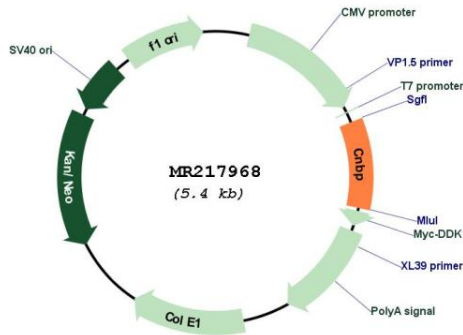
UniProt ID: [P53996](#)

Cytogenetics: 6 D1

MW: 19.3 kDa

Gene Summary: Single-stranded DNA-binding protein, with specificity to the sterol regulatory element (SRE). Involved in sterol-mediated repression.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217968