

Product datasheet for **MG217968**

Cnbp (NM_001109745) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cnbp (NM_001109745) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cnbp
Synonyms: AA408710; Cnbp1; Znf9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG217968 representing NM_001109745
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAGCAACGAATGCTTCAAGTGTGGACGATCTGGCCACTGGGCCAGGGAGTGCCCTACTGGTGGAG
GTCGGGGTCGTGGAATGAGAAGCCGCGGCAGAGGGTTCCAGTTTGTTCCTCGTCTCTCCCTGACATCTG
CTACCGCTGTGGTGAAGTCTGGTCATCTTGCCAAGGATTGTGATCTGCAGGAGGATGAAGCCTGCTATAAC
TGCCGTAGAGGTGGCCACATTGCCAAGGACTGCAAGGAGCCCAAGAGAGAGCGAGAGCAATGCTGCTACA
ATTGTGGCAAGCCAGGCCATCTGGCTCGTACTGTGACCACGCGGATGAGCAGAAGTGTATTCTTGTGG
TGAATTTGGACATATTCAAAAAGACTGCACCAAGGTGAAGTGTATAGGTGTGGTAAAAGTGGTCATGTA
GCCATCAATTGCAGCAAGACAAGTGAAGTCAACTGTTACCGCTGTGGCGAGTCAGGGCATCTTGACGGG
AATGCACAATTGAGGCTACAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG217968 representing NM_001109745
Red=Cloning site Green=Tags(s)

MSSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGFQVSSSLPDICYRCGESGHLAKDCDLQEDEACYN
CGRGGHIAKDCKEPRERERQCCYNCGKPGHLARDCDHADEQKCYSCGEFGHIQKDCTKVKCYRCGETGHV
AINCSKTSEVNCYRCGESGHLARECTIEATA

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	<u>NM_001109745.1</u> , <u>NP_001103215.1</u>
RefSeq Size:	2157 bp
RefSeq ORF:	516 bp
Locus ID:	12785
UniProt ID:	<u>P53996</u>
Cytogenetics:	6 D1
Gene Summary:	Single-stranded DNA-binding protein, with specificity to the sterol regulatory element (SRE). Involved in sterol-mediated repression.[UniProtKB/Swiss-Prot Function]