

Product datasheet for **MC220210**

Cpz (NM_153107) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpz (NM_153107) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpz
Synonyms:	AV136066
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220210 representing NM_153107
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACAATGCCGCTGCTGCTGGCCGCGCTGGCTGCGCTGGCCGTGCTGGCCCTTGCCGCGCGCCCCA
 GCCCCAGCTGCTCGCCTGGACCCGACCCCTCCGGTAAATGTAGAGGCTGGTCTACACACACAGTGCCAC
 CTGTGTGGACCTGCATCTCAGGACCTGTGCGGATGCCGCCTATAACCATACATCGTTCGCCACACCGCTG
 GAGCACCGGTCGTGGGAGGCAGTGGAGTCTAGCCCTGAGTACATGCTGTTGGGTGTGATACACTTCTCC
 TGGAGGGTCAGTCAACCCTGACCTGCGGCTGCTAGGGTGTCTGTGTTGGCCCCCGATGTGAGGGAGG
 CCACACACAAAGGCCCTGCCGCATGTCTGTGAGGGCTTCGGGAGGCCTGCCAGCCGCCCTTGACGCC
 ATCGACATGGCCTGGCCCTACTTCTTGATTGTGCCCAATACTTCGCACCAGAGGAGGAAGGCTGCTATG
 ACCCTCTGGAAGAGCTCCGTGGAGAGCTGGATGTTGAGGAGGCCCTGCCCTCTGGCCTGCCACCTACCTT
 CATTTCGTTTCGCCACCACTCTATGCTCAGATGGTCCGAGTGTGAAGAGGACAGCGGCCCGCTGTTCC
 CAGGTGGCCAAGACCTACAGATTGGGCGCAGCTTTGAAGGCAAGGACCTGGTGGTCATCGAGTTCTCGA
 GCCGCCAGGCCAGCATGAACTGATGGAGCCTGAGGTGAAGCTCATTGGAACATTTCATGGCAATAGAGT
 GGCCGGACGGGAAGTGCTCATCTACCTGGCCAGTACCTGTGCTCGGAGTACCTGCTGGGCAACCCTCGC
 ATCCAGCGCCTGCTGAACACCACCCGCATCCACCTGCTGCCATCCATGAACCCTGATGGCTACGAAGTGG
 CAGCTGCAGAGGGTGCTGGATACAATGGCTGGACCACTGGAAGGCAGAATGCACAGAACCCTGGATCTGAA
 CCGCAACTTCCCTGACCTCAGTCAGAGTACTACCGGCTGGCCTCGACTCGTGGTGTGCGCACAGACCAT
 ATCCCCATCTCAGTACTACTGGTGGGTAAAGTGGCCCCGAGACCAAGCCATCATGAAGTGGATAC
 AGACCATTCCTTCGTCCTCTCAGCCAGCCTGCATGGCGGCGACCTGGTGGTATCCTACCCCTTCGACTT
 CTCCAAGAACCCCATGAGAAAAAGATGTTTTCTCCACACAGATGAGAAGATGTTCAAGCTTCTGGCC
 AGAGCCTATGCTGATGTCCACCCCATGATGATGGACAGGTGCGAGAACAGGTGTGGGGCAACTTCTGA
 AGCGGGGGAGCATCATCAACGGGGCGGACTGGTACAGCTTCACTGGAGGTATGTCTGACTTCAACTACTT
 ACATACCAACTGCTTTGAGATCACTGTGGAAGTGGGCTGTGTGAAGTTCCTCCAGAGGAGGCGCTGTAT
 GGCCTGTGGCAACAGAACAGGAGCCCTACTCAACTTCTGGAGATGGTACACCGAGGCATCAAGGGTA
 TGGTGACAGATAAATACGAAAGCCAGTCAAGAACGCACGGATTCTGGTGAAGGCATCCGCCACGATGT
 CACCACAGCCCTGATGGTACTACTGGAGACTTCTTCCCCGGGTTCCTATATCGTCATTGCTCAGGCC
 CCTGGCTATTCCAAGTCATGAAGAGAGTCAACATTCCCTTGCATGAAGAAGCGGCCGTGTGGACT
 TCATCCTCCATCCTCTGGCGACAGGACCAAGAACTTCTTCTGACCTTCGAGAGCTTACCTCGGTT
 CCAGGATCCTCAGAGAGAGCCACACAGATGGATTTGAGCCCCCAGGGCTCGTAGGCACCCAGTAGT
 GGGAGCAAGCCATGGTGGTGGGCTTACTTCACATCACTGAGCCCGTACAAGCCACGCTGGCTGCTCAAGT
ACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_153107

Insert Size: 1965 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_153107.2, NP_694747.2</u>
RefSeq Size:	2189 bp
RefSeq ORF:	1965 bp
Locus ID:	242939
UniProt ID:	<u>Q8R4V4</u>
Cytogenetics:	5 B2
Gene Summary:	Cleaves substrates with C-terminal arginine residues. Probably modulates the Wnt signaling pathway, by cleaving some undefined protein. May play a role in cleavage during prohormone processing (By similarity).[UniProtKB/Swiss-Prot Function]