

Product datasheet for **RN212915**

Cpz (NM_031766) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpz (NM_031766) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpz
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212915 representing NM_031766
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTACAACGCCGCTGCTGCTGGCTGCGCTAGCTGCTTTGGCCGCGCTGGCCGTTGCTGCGTACCCCA
 GCTGCTCGCCTGGACCTGACCCCTCCGGTAAATGTCAGAGACTGGCCTCCACACACAGTGCCACCTGTGT
 GGACCTGCATCTCAGGACCTGTGCGGATGCGGCCATATAACCATACATCGTTCCCCACACCCCTGGAGCAC
 CGTTCTGTTGGGAGGCAGTGGAGGCCAGCCCTGAATACACTGTTGGGTGTGCTGCACTTTCTCTGGAGG
 GTCAGTGAACCCCTGATCTGCGGCTGCTAGGGTGTCTGTGCTGGCCCCAGATGCCAAGGAGGCCACAC
 ACAAGGCCCTGCCGCCGTGTCTGTGAGGGCTGCGGGAGGCCTGCCAGCCAGCCTTTGACGCCATCGAC
 ATGGCCTGGCCCTACTTCTAGACTGTACCCAATACTTTGCACCAGAGGAGGAAGGCTGCTATGACCCTC
 TCGAACAGCTCCGGGGAGAGCTGGATGTCGAGGAGGCTCTGCCCTCTGGCCTGCCACCTACCTTCATTCTG
 CTTTGGCCACCACTCCTATGCTCAGATGGTCCGGTACTGAAGAGGACAGCGGCTCGCTGCTCCAGGTG
 GCCAAGAGCTACAGCATCGGGCGCAGCTTTGAAGGCAAGGACCTGGTAGTCATCGAGTTCTCAAGCCGTC
 CAGGCCAGCATGAACTGATGGAGCCTGAGGTGAAGCTCATTGGGAACATCCATGGCAACGAGGTGGCAGG
 ACGGGAATACTCATCTACCTGGCCAGTACCTGTGCTCCGAGTACCTGTGGGCAACCCCGTATCCAG
 CGCCTGCTGAACACCACCCGCATCCACCTGCTGCCATCCATGAACCTGATGGCTACGAGGTGGCGGCTG
 CAGAGGGTGTGGCTACAACGGCTGGACCAGTGGGAGGCAGAATGCACAGAACCTGGATCTGAACCGCAA
 CTTCCCTGACCTACGTCAGAGTACTACCGGCTGGCCTCCACTCGCGGTGTGCGCACGGACCACATCCCC
 ATCTCGCAGTACTACTGGTGGGGTAAGGTGGCCCCGAGACCAAGGCCATCATGAAGTGGATACAGACCA
 TTCCCTTCGTCTCTCAGCCAGCCTGCATGGGGGTGACCTGGTGGTATCCTACCCCTTCGACTTCTCCAA
 GCACCCCATGAGGAGAAGATGTTTTCTCCACTCCGGATGAGAAGATGTTTAAGCTGCTGGCCAGAGCC
 TATGCTGATGTCCACCCCATGATGATGGACAGGTGCGGAGAAGAGGTGTGGGGCAACTTCTGAAGCGGG
 GGAGCATCATCAACGGGGCGGACTGGTACAGTTCCTGAGGTATGTCTGACTTCAACTACCTACACAC
 CAACTGCTTTGAGATCACAGTGGAGCTGGGATGTGTGAAGTTCACACAGAGGAGGCGCTCTACGGCCTG
 TGGCAACACAACAAGGAGCCCTACTGAACTTCTGGAGATGGTACACCGAGGAATCAAGGGTGTGGTGA
 CAGATAAATACGAAAGCCCGTCAAAAACGCACGGATTCTAGTAAAGGCATCCGCCATGACGTACCCAC
 AGCCCTGATGGTGAATTTGGAGACTCCTTCCCCGGGTTCGCACATCGTTATTGCTCAGGCCCTGGC
 TACTCAAAGTAATGAAGAGAGTCACCATTCCTTTCGCGATGAAGAGGGCCGGCGTGTGGACTTCATCC
 TCCAGCCTCTGGGGACAGGACCTAAGAATTCCTTCTGGACCTCAAGAGCCTTACCTCGTCCCTGGA
 TCCACAGGGAGCGCTGCACAGCTGGATTTTGAAGCCCCAGGGCGCGTAGGCAGCCAGCTAGTGGGAGC
 AAGCCATGGTGGTGGGCTTACTTCACATCCCTGAGTCCACACAAGCCACGCTGGCTTCTTAAGTAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_031766

Insert Size: 1959 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.
RefSeq:	<u>NM_031766.1, NP_113954.1</u>
RefSeq Size:	2150 bp
RefSeq ORF:	1959 bp
Locus ID:	83575
UniProt ID:	<u>O54858</u>
Cytogenetics:	14q21
Gene Summary:	mouse homolog is a metallocarboxypeptidases and may have a role in Wnt signaling [RGD, Feb 2006]