

Product datasheet for **RN208060**

Zp2 (NM_031150) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zp2 (NM_031150) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zp2
Synonyms:	Zp-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208060 representing NM_031150
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTAGGTGGCAGAGAGTCTACTGGTTGCGTCTCTCTCTTCGCCCCTGTGACTTCAGTAAATTCAT
 TAAGCCTTCCTCAGTCAGAGAATCCTGCCTCCAGGCACTCTCATTGTGATAAAGATGAAGTGAGAGT
 AGAATTTTCAAGCAGATTTGACATGAAAAAGTGAATCCTTCCTTGGTGGATACCTTTGGTAAATGAAAT
 TCGAACTGCATTATGCTCTGGACTTGGAAAAGTTTATCCTGAAATCCCTTACGAGACCTGACTATAA
 AAGTGATTGGTGGATACCAGGTGAACATCAGAGTGCAGGACACCAATGCTGATGTAAGCTATAAAGATGA
 CGTGCATCACTTTTTCTGCCAGCTATTCAAGCAGAGATTCATGAGGTCTCAGAAATTTGTGTGCATG
 GAGGATCTCATCTTTTTCTTCCACAACCTTTCTCTAGGCTTGCTGATGAAAATCAGAAATGTATCTG
 AGATGGGATGGATTATTAAGATTGGCAATGGTACAAGAGTCCACACTCTGCCCTGAAGGATGCTATAGT
 ACAAGGATTTAATCTCCTGATTGACAGCCAGAAAATAACCCTCCATGTGCCAGCCAATGCTACCGGAGTA
 GCTCACTATGTGCAAGAGAGCAGCTATCTATACTGTACAGCTGAAGCTTTGTCTCAAGTCCTGGGC
 AGAAGATCACCTTCTTCAAGCTATCTGTGCACCAGATCTTCTGTGGCTTGTAAATGTGACACACAT
 GAGTCTTACTATACCAGAATTTCTGGGAAGCTAAAATCTGTGGGCTTTGGACAAAGGAACATCCCTGAG
 GATCAATGGCATGCCAATGGAATTGACAAAAGCAACAATGGCTTGAGACTGCATTTACAGAAAATCTC
 TCTTGAAGACAAAACCTCTGAAAAGTGCATTTCTACCAGTTCTACTTCTTCTCACTCGAGCTGACCTT
 TAACCTCCAAGGGGACATGCTATCCACAGTGATTGATCCCGAGTGCCACTGTGAGTACCCGGTCTCCATA
 GATGAAGTGTGTACACGGGATGGGTTTATGGACTTTGAGGTCTACAGCCACCAACAAAACCTGCACTAA
 ACCTGGAGAGCCTCCTGGTGGGAACTCCTCCTGCCAGCCTATTTTCAAGGTTCACTCTGGGGCTTGC
 AAGATTTACATACCTCTGAATGGATGTGGAACACGACAGAAAATTTGAAGGTGATAAAGTCACTATGAG
 AATGAAATCCATGCTCTCTGGGAAAATCCACCGTCAAACATTATTTTCAAGAACAGTGAGTTCAGGATGA
 CCGTGAGATGCCATTACATCAGAGACAGTATGCTACTAAGGGCCCATATCAAAGCCATTCTTCTCCAGT
 GGCCTCTGTAAAGCCAGGTCCACTAGCGTTGGTCTACAAACCTACCCAGACATATCCTACCAACGGCCT
 TATAGGAAGAATGAGTACCCTCTAGTGAGGTACCTCCGCCAGCCATCTACATGGAAGTGACAGTCTTGA
 ATAGAAATGATCCCAACATCAAGCTGGTTTTAGATGACTGCTGGGCAACAACCTTTTGGAGCCAGCCTC
 TGTCCTCCAGTGGCAGATCATTATGGATGGCTGTGAATATGAACTGGACAATTACCGCACTACTTTCCAC
 GCAGCCAACCTCTGACGCCATCTGGTCACTACCAGAGGTTTGTATGTAAGACTTTTGCCTTTGTGT
 CAGAGTCTCGGGGCTCTCCAGCCTGATCTACTCCACTGCAGTGCCTTGATCTGTAACCAAGCCTCCCC
 TCTGTGCTCTGTGACTTGCCTGCACCCTGAGGAACAAACGAGAGGCCAGCAAAGAAGGCACAATGACG
 GTTAGCCTCCCAGGACCTATTATCTTGTGTGAGATGACTCTTCAATCAAAGGTGTAATGAACCTGACA
 GCTATGAGATTACCAAAGATATTGCTTCTAAAACATTGGGTGCTGTGGCTGCACTAGTGGGCTCAGCAGT
 CATCATAGGTTTCATCTGTTACCTGCATAAGAAAAGAATTGTAAGGTTCAATTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_031150

Insert Size: 2088 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:	<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_031150.1</u> , <u>NP_112412.1</u>
RefSeq Size:	2138 bp
RefSeq ORF:	2088 bp
Locus ID:	81828
UniProt ID:	<u>O54767</u>
Cytogenetics:	1q36
Gene Summary:	glycoprotein component of the zona pellucida [RGD, Feb 2006]