

Product datasheet for **RN213850**

Zp4 (NM_172330) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zp4 (NM_172330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zp4
Synonyms:	Zp-4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213850 representing NM_172330
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTAGGCAGGCTCTAAGGAGCACTCTGTGGCTTCTACCAAGCATCTTACTGTGTTTCCATTCTGTC
TTCCTTTGAGTGGCCAGCATGTTACCGAGTTGCCAGGTGTCTCCACTGTGGTTACAGAGCTTCCAGTT
TGCTGTGAACCTCAGCCTGGAGGCAGAGAGTCCCTGTGCTAACAACTTGGGATAGCCAAGGCTGCCACAC
AGGCTTAAGAATGACTCTGACTGTGGTACATGGGTGATGGACAGTCTGATGGCTTTCTGGTCTTGGAAAG
CCAGCTACAGTGGCTGCTATGCTACTCTGGAGGGATCCCACTACATCATGACCGTTGGTGTGCAAGAGGC
AGATGTAGCTGGACATGTAGCAGGAACAAGACAAAGACTGCTTACGTGCCCTTTGGCTCTTCAGGGTAAA
GCCCCAGATACACCAAGTCTAAAGTGTGCAGTCTGTGCCAGTAAAGGAAAGGCTGCCCTGTGCTTCT
CGACCATCTCCAGAGGAGACTGTGAAGAGTTGGGGTGTCTACAGCTCTGAAGAGGAAGGGGCAGACTC
CTGTTACTATGGAAACACAGTGAACCTCCATTGCACCAAGGAGGGCCACTTTTCCATTGCTGTGTCAGG
GACGTGACCTCGCCCCCTCTGCGCTTGGATTCACTTCGCTTAGGTTTCCAGAACATCACACAGGGTGTG
ATCCTGTGATGAAAACATCCACCTTTGTCTGTTCCAATTTCCACTTACTTCTGTGGGACTACACAGCG
GATCACTGGAGACCAGGCCATGTATGAAAATGAGCTAGTGCCATTCCGGGATGTACAAGCATGGGGCAGA
AGCTCTATTACTAGAGACAGCAACTTCAGGCTCCGAGTCAGCTGCACGTAATCCATTACAGCATCATGT
CCCCAGTTAACAATGCAAGTGTGGACTCTCCACCACCCCTTCTAAGACCCAGCCCGACCCCTCTCTCT
GGAAGTTCAGATTGCCAGGATAAAAACTACAGCTTACTACGGTACTGATGCCTACCCACTGGTAAAA
TTCCCTCCAGGATCCCATTTACGTGGAGGTCTCCATCCTTCATAGAACAGACCCCTCGTTGAGCCTGTGTC
TAGAGCAATGTTGGCTACACCTGGCTAATCCTTTTTCATCAACCACAATGGCCAATCCTAGTGAAGGG
ATGCCCATATGCTGGAGACAATTATCAGACAAAAGGATCCCGGTTCCAGAAAGCATCAGATGTCTTTCCA
TCTCATCATCAGCGCTTCAAGTATCTCTACCTTCAGCTTCATGAGTGTGGAAGGGAGAAGCAGGTTTTGG
GTGGACAGGTATACCTGCACTGCAGTGCATCGGTCTGCCAGCCTGCTGGGATGCCATCCTGCACGGTTAT
CTGTCTGCTTCCAGGAGAAGAAGAAAATCTGAGCTTTATTTTGATAACTCCACCAGCATATCTAGCAAA
GGTCCCGTATCCTCCTCAAGCCACTAAGGACCCTGCAGTCATGCTTCATAAACACTCAGGCACCCATG
CAGATTCTCCACTCTGTGGTAATGGGACTTTCTGCAAGCATGGTCATCACTGGAGTCTTGGTAGTATC
CTACTTGGCCACCAGGAAACAGAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_172330

Insert Size: 1638 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: [NM_172330.3](#), [NP_758833.2](#)

RefSeq Size: 1708 bp

RefSeq ORF: 1638 bp

Locus ID: 282833

Cytogenetics: 17q12.1

Gene Summary: displays increased mRNA expression in ovary during follicle formation [RGD, Feb 2006]