

Product datasheet for **RN215691**

Rpusd2 (NM_001135845) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpusd2 (NM_001135845) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rpusd2
Synonyms:	RGD1306147
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215691 representing NM_001135845
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCGAAGTGTCCCGGGCTGCCTACGGTATATTGTGCAGTGGCAGGTGGCGCTCTGGTCCCACAGCT
 TTGTCCGGACTTGGGGTAGCTGTGGGAAGGCGATGACTGAGGCACTCTCTGCGCAAGCCGAGGCAGCGGA
 CGGACTGAAGGCTTTGATTGAGCAAAATGGAGATACTGGTAGCGACACCAGGGGAGAGCCGCACCTAGAG
 CTCCTAGAGCCAGCGACGGTAGGGAAGCAGGTCCCGGAGAGCGGGGAGCAGGCCAGGGAGGCGAAGAGC
 AGCTCCCGGGGAACGGAGAGCAGGCCCACTCCAGTCGCCGACTCAGGCAAGAGGAAAAAGCGCGGGG
 CGCCACTGGGGAACGGGTCGTGCCGCCCCGAAGAAACGGCGGACTGGGGTAGCTTTAGCGACGAGCAC
 TTTGCAGAGACCCTACTACTTCGAGGGCGGCTTGCAGCAAGGTGCGGCCCTATTACTTTGACTTCCAGA
 CCTACTGTAAAGGTCGTGGGTGGTGCAGCTTGTTCACGTCTTCAGCACCGAGTTCGATCCCAGCC
 ACTGGCTTACTACGAGGCGCTGTCCGGGAGGACGCGCTGCATCTCAACGAGGAACAGTCCAGGACCTC
 AACATCGTCCTCAAGGACAATGATTTCTTCGCGAACACAGTGCACAGACATGAGCCACCAGTCCACAGCAG
 AGCCTATTCGCTGCTAGCTGAGAACGATGATGTGGTTGTTATAGACAAGCCGCTCTCCATTCTGTCCA
 CCCCTGTGGCCGCTTCCGACACAACACGGTCATCTTCATCCTAGGCAAGGAGCACCACCTAAAGGAATA
 CACCCGTTGCATCGGCTCGATCGCTCACCTCAGGAGTGCTCATGTTTGCCAAGACAGCTGCGGTGTCTG
 AGAAGATCCATGAACAAGTTCGGGATCGGCAGCTGGAGAAGGAATATGTATGCCGGTTGCAGGGGAGTT
 CCCTGACAAGGAGGTAATTTGTAAGGAACCCATCTTAGTGGTATCTTACAAGGTAGGAGTGTGCCGTGTG
 GATCCCCAGGGCAAACCTGTGAGACTGTGTTCCAGAGGCTGAGCTACAATGGCCGCTCCAGTGTGGTAC
 AGTGCCGACCACTTACAGGTCGCACTCACCAGATCCGAGTCCACCTCCAGTTCCTGGGCCACCCATTCT
 CAATGACCCCATCTACAATTCAACTGCCTGGGGTCCTTCTCGAGGCCAGGGTGGCCACATTCCTCAAGACG
 GACGAGGAAGTGTCCGAGACCTGGTTGCAGAACATCAGGCCAAAGAAAGCCTGAGTATGCTAGATCTCT
 GTGAGGGTGACCTGGCTCCAGGGCTCATAGACTCTACAGCTCCCTCTTCAGAGTTGGGCAAGACAGCCT
 GGAAGGGTTGGCTACGGCAGCCAGAAGATAGATGGGATGGTGGACGAAGCCTCTCAGCATCCGGACACA
 CCAGGGAAGGCAGCTAAGGCAGACGTGAGTCAACAAACAGATCCGCTCTGTGCCGAGTGCCGGGTGTTAA
 GACAGGATCCCTTGCCCCAGGACCTTGAATGTTCTGTCATGCCCTCCGCTATAAAGGGCCAGACTTTGA
 GTACGTCTACCCATCCAGCCTGGGCACAGGCTGACTGGCAAGAAGAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001135845

Insert Size: 1662 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_001135845.1, NP_001129317.1

RefSeq Size: 3169 bp

RefSeq ORF: 1662 bp

Locus ID: 311326

Cytogenetics: 3q35