

Product datasheet for **MC218902**

Rpusd2 (NM_173450) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Rpusd2
Synonyms:	4921503C21Rik; 9630001E10; BB231107
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC218902 representing NM_173450
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTGGCGGGGTGTCCCGGCTGCCTACGGGACATTGTGCAGTGGCAGGTGGCGCTCTGGTCCCACAGCT
 TTGTCCGACTTGGGGTAGCTGTGGGAAGGCGATGACTGAGGCACTGTCTGCGCAAGCCGAGGCAGCGGG
 CGGGCTGAAGGCTTTGGTTTTCAGCCAAATGAGATGCTGGTAGCAACACGAGCGGAGAGCCGCTCCTGGAG
 CGCCTGGAGCCGGCGCGGTAGGGAAGCAGGTCCCGGAGAGCGGGACCGCCAGGGAGGCGAAGGGC
 AGCTCCCGAGCAACGGAGAGCAGACCCAGCTCCAGTCGCCGACTCAGGCAAGAGGAAAAAGCGGAGGGG
 CGCCACTGGGGAACGGGTCTGCCGCTCCGAAGAAACGGCGCACCGGGGTGAGCTTTAGCGATGAGCAC
 TTCGACAGACTACCTACTACTTCGAGGGCGGCTGCGCAAGGTGCGGCCCTATTACTTTGACTTCCAGA
 CCTACTGTAAGGTGCTGGGTGGGCGCAGCTTGTTCACGTCTTCAGCACCGAGTTCGATCCAGGCC
 ACTGTCTTACTACGAGCCGCTGTCCGGCAGGACGCTGCATCTCAACGAGGAACAGTCCAGGACCTC
 AGCATCGTGTCAAGGACAATGATTTCTTGCAGAACACAGTGCACAGACATGAGCCACCGAGTCACAGCAG
 AGCCTATCCACCTGCTAGCTGAGAACACGATGTGGTTGTTATAGACAAGCCGCTCCTCCATTCCTGTGCA
 CCCCTGTGGCCGCTTCCGACACAACACGGTCATCTTCATCCTAGGCAAGGAGCACCAACTGAAAGAGCTA
 CACCCACTGCATCGGCTGGACCGCTCACCTCAGGAGTGCTCATGTTTGCGAAGACAGCTGCAGTCTCGG
 AGAAGATCCATGAGCAGGTTCGGGATCGGCAGCTGGAGAAGGAGTATGTATGCCGGGTTGCAGGGGAGTT
 CCCTGACAAGGAGGTAATTTGTAAGGAACCCATCTTAGTGGTGTCTTACAAGGTAGGAGTGTCCGTGTG
 GATCCCGGGGCAAGCCTTGTGAGACTGTGTCCAGAGGCTGAGCTACAATGGCCGCTCCAGTGTGGTAC
 AGTGCCGACCACTTACAGGTGCACTACCAGATCCGAGTCCACCTCCAATTCTGGGCCACCCGATTCT
 CAATGACCCCATCTACAATTCAACTGCCTGGGGTCTTCTCGAGGCCAGGGTGGCCACATTCCAAAGACA
 GACGAGGAAGTGTCCGAGACCTGGTTGCAGAACATCAGGCCAAAGAAAGCCTGAGTATGCTAGATCTCT
 GTGAGAGTGACCTGACGCCAGGGCTCATAGACTCGACAGCTCCCTCTTCAGAGTTGGCTAAAGACAGCCT
 GGAAGGGTTGGCTACAGCAGCCAGAAGATAGATGGAATAGCTGAGGCAGCCCTCAGCATCTGGACACA
 CCAGAGAAGGCAGCTAAAGCAGATGTGACTCAAGAAACAGACCCGCTCTGTGCCGAGTGCCGAGTGTTC
 GACAGGATCCCTTGCCTCAGGATCTCGTAATGTTCTGCATGCCCTCCGCTATAAAGGGCCAGACTTTGA
 GTACGTCTCACCCATCCAGCCTGGGCACGGGATGACTGGCAAGAAG**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_173450

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_173450.3, NP_775626.1</u>
RefSeq Size:	5135 bp
RefSeq ORF:	1662 bp
Locus ID:	271842
UniProt ID:	<u>Q149F1</u>
Cytogenetics:	2 E5