

Product datasheet for **SC320400**

RPUSD1 (NM_058192) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPUSD1 (NM_058192) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPUSD1
Synonyms:	C16orf40; RLUCL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_058192.2
 ATGGAGCCAGGCAGCGTGGAGAACCTGTCCATCGTGACCGGAGCCGCGACTTCCTGGTG
 GTCAACAAGCACTGGGACGTTTCGATTGACAGCAAGGCGTGGCGGGAGACTCTGACCCTG
 CAGAAGCAGCTGCGGTACCGCTTTCCCGAGCTGGCCGACCCTGACACCTGCTACGGGTTT
 AGGTTCTGCCACAGCTGGATTTCTCCACCAGCGGGGCGCTGTGCGTGGCCCTAAACAAG
 GCAGCCGCCGGCAGCGCTACAGGTGCTTCAAGGAGCGGCGCTGACCAAGGCTTACCTG
 GCATTGCTGCGGGGACATCCAGGAGAGCCGGTAACCATCAGCCATGCCATTGGCAGG
 AACAGCACGGAGGCGCGGCCACACCATGTGCATCGAGGGCTCGCAGGGTTGTGAGAAC
 CCAAAGCCAAGCCTCACAGATCTCGTGGTTCTGGAACACGGGCTGTACGAGGCGATCCT
 GTCTCCAAAGTGTGCTGAAGCCGCTCACGGGCGGACACACCAGCTGCGCGTGCAGTGC
 AGTGCCCTGGGCCACCCGTTGGTGGGCGACCTGACCTACGGAGAAGTCTCGGGCCGGGAG
 GACCGGCCGTTTCAAGATGATGCTGCACGCTTTCTACCTGCGCATCCCCACGGACACCGAG
 TGTGTGGAGGTCTGCACGCTGACCCCTTCTGCCCTCCCTGGATGCCTGCTGGAGCCCC
 CACACACTGCTGCAGTCGCTGGACCAGCTCGTGCAGGCCTTACGGGCCACCCCGACCCT
 GACCCCGAGGATAGGGGCCCCAGGCCAGGCAGCCCTCCGCACTCCTGCCTGGGCCCGGC
 CGGCCTCTCCACCCCCAACCAAGCCCCCTGAGACTGAGGCACAGCGGGGCCCTGCCTG
 CAGTGGCTGTGCGAGTGGACGCTGGAACCGGACAGCTGAGAGCCGTGGGGCTGGGGCAGG
 GGGTGTCACTGTCACAGCGGACTCTAGGGAGATGGGCGAGCGAGCGTCTGCTACTGGC
 TCTGGGGCTCGAGGTGCCAGGCAGCATCAGGCCCACTGGGTTGCCCCGGCCAGGCCTGC
 GAGGAAGGGCTGAGGTGGGGCCGGCAGGGGGGCCAGGCAGCCGTGATCAGAGTGACGA
 CCGCACCGCGCGCTGGGACTGATGCGGGATCCCGAGGGCCTTCTGCCACATGCCCCG
 GGAGAAACCGAGGCCCTCCCTCCTCCTGGAACAGCTTCCGGCTCTCAAGCGTCACCCCA
 GGGGCGTCAGTTTACGGACTCAAGGTCACCTCAGGAAGAGGCAGGGCCAGGTTTTGGGA
 TAGGCTTTGCCTCCAGGATGGGCTGCTCCTGGGCTGGTGAAGTACTGCCCCCAACCTAC
 CCTCTAGAGGGGCTGGGAAGGGCGTTCTGGGCTCACCTGGCCTGGGAGACCCATCTGGT
 CCCTGCGTCTCTGCCCTCACTGCTCTGTGCAGATCCTGTGCGCCTCAGCTGCCTCCTC
 CCGAGACCTAATGGTCCCTGCTGGGCTCGAGTCTGCAGGCCCGGCTGCGTGTGCTTGGC
 CTCACTGTACCAAGTGGTTCCTCTCTGCCCGATTCTGAGCTCAGTGTGGTGTGGTGGC
 ACAGGGGTTGGTCAGGGGCCATGGCCAAGGCCCTGCCACGCACGCCCATCCCTCAGATCC
 ACTGTGAGCACCAACCTGCTGCAGTCTCTTGGGCCCTGCTGGCAGCTCTGCCACGTAC
 CGCTGCTGGTCCCACACAGCCATGCATTGTACTCTGCCTCCGGGACCCAGCTTGG
 GAGCTGTGGGTCTGCCAGGTCCCACCTCCTCTGTCCCCCATGCCACAACCTGGGCTCCTG
 GCTACAGCAGGGCTCCAGGGACTCCAAATAAATGTTTCACTGACTGGCAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_058192

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_058192.2](#), [NP_478072.1](#)

RefSeq Size: 2067 bp

RefSeq ORF: 939 bp

Locus ID: 113000

UniProt ID: [Q9UJJ7](#)

Cytogenetics: 16p13.3