

Product datasheet for **RN212637**

Rsph10b (NM_001013867) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rsph10b (NM_001013867) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rsph10b
Synonyms:	RGD1311893
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN212637 representing NM_001013867

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTGAAGAAAAGAAAAAGCAGACAAAAGGGAGATAAGTCAGCCCGCTCTCCCTCCTCGATCTCTG
 ATAACCCAGAAGCGGCTAAACAAGAAATCAGTGCCAGTAAGCAGGAAGTGGCCCCAGTGCTGTCATCCC
 GGTATTGAAACGCCACTCAAGCAAACCCCTAAAAGAGACTCGGAACATACATACCAGAGTGAAGATGAA
 ACTCAGTATGAAGAACCATCCTGACCAAACCTCATAGTGGAAGCTACGAAGGGGAGAAAGTCCGTGGAC
 TGTATAGGGGAGAAGGCTTTGCGGTCTTTCAAGGCGGAAACACCTACCATGGAATGTTTTCCGAGGGACT
 GATGCACGGGCAGGGGACTTACATTTGGGCTGACGGATTGAAATACGAGGGGGACTTTGTGAAGAATC
 CCCATGAATCATGGCGTGTACACATGGCCAGATGGCAGCAGTATGAAGGAGAAGTGGTCAACGGCATGA
 GGAACGGATTCCGTATGTTCAAGTGTGGCAGCAGCCCGTGTCTATATTGGCCACTGGTGTACGGCAA
 GAGACATGGGAAGGGCTCCATCTATTACAATCAAGAGGGAACCTCTTGGTATGAAGGAGACTGGGTGTAC
 AACATCAAAAAGGGCTGGGGAATACGATGCTACAAATCAGGAAACATATACGAAGGCCAGTGGGAGAACA
 ACATGCGCCACGGGAAGGCAGGATGAGGTGGCTCACAACAAACGAGGAGTACACGGGCCACTGGGAGAA
 GGGGATCCAGAACGGCTTTGGAACGCACACATGGTTTCTAAAGAGAATCCCCAACTCTCAGTATCCTTTG
 AGAAATGAATACATAGGGGCGTTTGTAAATGGCTTCCGTCATGGACAAGGGAAGTTTTATTATGCCAGTG
 GAGCCATGTATGAGGGAGAATGGGTTTCCAACAAAAGCAGGGCAGGGGAGGATAACTTTCAAGAAATGG
 CCGTGTGTATGAAGGTCTGTTTTCCAACGATCATTGCACAGTTCTTTGAAGCTGAAATGGATTACTCG
 TACAGCCTGGACCGTCGGTCAGACATCTCCAAAGGAGCCGGCAGGCTCGGGGATCTTCTGTCAGTGCTG
 ACAGGGAGCCTGAAACCCCTACGAAAGTTGGATGGCAGCGAAAGCCGCTCTGTGTTAGGATCGAGTATTGA
 GCTGGACTTAAATTTGTTGCTGGACATGTACCCTGAGGAAAGCCAAAGAAGAAGAAAAGAACAGGTGGAA
 TATGCCGTCTAAGGAACATCACAGAGTTAAGAAGGATCTACTGTTCTACAGCGGCCTTGGGTGTGACC
 ACTCTCTGGATAACACCTTCTGATGACAAAGCTTCACTTCTGGAGATTCTGAAAGACTGCAGGTTCCA
 TCACCACAACATAACTCTTGGGATATGGACAGGGTATTGAGTGTCTATAACGGCATCCCAATCGAAGAA
 ATCCATTCTCCATTTAGAACCATACTCTTAAGAACATTCTAAATTACCTCTGCAGCTGGCCTACTACA
 TCCATCACAAGAATTCCAGAACAGAAGCCCGTCCCTCTTCTGTGCTTCACAAAGCTGATGGCCGAGAA
 CATCCATCCACACGCTGCCAGGTGAAAGGTCACTTATTCAATGAGCAGCAGCGGACACTCTACTCAATG
 AATTACATCGATAAGTGTGGGAAATTTACACAGCCTACTGCAGACCGAACGAAGCCCCACCTATGAGC
 TGACAATGAAGATGAGATATTTCTCTGGATGCTGAAAGACTTTAGGATGATAAATAAGGAGTTAACTGC
 GACCAAATTCATGAGGTGATAGCGGAGGACAACCCCTTCGTATATGATGGAATGGACAGCAACTTTGAA
 CTTGAGCTAGTTTTCTGGAGTTCTTCAAGCTCTGTTGTGCTTCTCTCTGCTGCATGTTTGACCAGA
 TGACTAGATCCTATTTAAAGGCCCGTACGATGACGTCACTACAAACCGATATGGCAGCACTCAGACGGT
 ACTAAACCAGAGCATCCACAGGAGCCCAAGTGGGGCCACAAGCCATGACTCCGAAGTCCACTTCAGCAGC
 ACCAAGTCGTCTTAGACAAGATAGGAGTCCTGCCCGATGGTAAAATCAGGCAATCAGAGCCCAAGCTCA
 AGAAGTCGCTGAGTGAGGACAAAGTCTCAAAAATGAACCTCAAGGCTCAAGGAAGAGGGCTGGTGTAT
 GTCTCCACATGGTGAGAAATATGAAAAGTCCAAGATGAACAGAAAGAGAACTCAACATGTGGGTGAAC
 AACCTCTACGTCTTCTTCTGTCAGTGTGCTTTCAGCGCTTACAAACACGAGGAGGCGCTCAAGGAGAAGG
 TGGAGGAGAACAGGCTCCAGGAAGCAGTGTGGCTCAGCAGAAGCAGATCGAGAACGAGGAGCTGGAGGC
 CAGGCTGAACATCCTACGGGAAGAAGAGGCCAGGAGACAAGACTTTGAACCTTGACATCACTGTGCTCAAG
 GAGCCACCGGAGGTCCCAGCCGTACAGCCGCTCACACCCAGCCCCCTAAAGAGGACTTGGTTTCCATGC
 AGACTAGCAAGGCCAGGCCAGGCAAGAAGAAGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001013867

Insert Size:

2631 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:	<u>NM_001013867.1</u> , <u>NP_001013889.1</u>
RefSeq Size:	2901 bp
RefSeq ORF:	2631 bp
Locus ID:	288478
UniProt ID:	<u>Q66HB5</u>
Cytogenetics:	12p11