

Product datasheet for **SC322616**

RASL10B (NM_033315) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | RASL10B (NM_033315) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RASL10B |
| Synonyms: | RRP17; VTS58635 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |

Fully Sequenced ORF: >OriGene sequence for SC322616
 CCCGCCCCGACTGGGCAGCGGGGAGCCCTACTTCTCTCCCCCGGGCGGGGAGCCG
 GGGGGCAGCGCCCGAGCCCGGGGGAGCTCAGCCCCGCCACCGCCGGCCAGGGCAGGG
 GGCAGCTAGGACGGCCCCGGTCCAGGTGGAGCCGAGAGGGCCAGGGCAAGCAGAGGC
 AGCAATGTTGGTCTGACGGTGGCTGAGCCCCAGCCCTGGAATATGACGCCGGGGG
 AGCCCCAGACAGCGCAAGGACGAGGTGGCGGAGTGGGGCGGAGGCATGGTCTCCACCT
 ACCGGGTGGCCGTGCTGGGGCGCGAGGTGTGGGCAAGAGTGCCATCGTGCGCCAGTTCT
 TGTACAACGAGTTCAGCGAGGTCTGCGTCCCCACCACCGCCCGCCGCTTTACCTGCCTG
 CTGTGTCATGAACGGCCACGTGCACGACCTCCAGATCCTCGACTTTCCACCCATCAGCG
 CCTTCCCTGTCAATACGCTCCAGGAGTGGGCAGACACCTGCTGCAGGGGACTCCGGAGTG
 TCCACGCCTACATCCTGGTCTACGACATCTGCTGCTTTGACAGCTTTGAGTACGTCAAGA
 CCATCCGCCAGCAGATCCTGGAGACGAGGGTGATCGGAACCTCAGAGACGCCCATCATCA
 TCGTGGGCAACAAGCGGGACCTGACGCGGGACGCGTGATCCCGCGCTGGAACGTGTCGC
 ACCTGGTACGCAAGACCTGGAAGTGC GGCTACGTGGAATGCTCGGCCAAGTACAAGTGGC
 ACATCCTGCTGCTCTTACGCGAGCTGCTCAAGAGCGTCCGCTGCGCCCGTTGCAAGCAGC
 TGACGCTGCCCTGCGCTTCCAGGGCGCGCTGCGCCGCAACCGCTGCGCCATCATGTGAC
 GCCTGCGCGCCCTCGGGCTGCACCGGCACTGGCCGAGCGGAGGGCGGGCCGCTACTGCG
 GGGCTGGGGCGGGGAGCGGGCGGAAATGGAACGTGACGGTCCCGCCCTGAGGCCCTG
 CAGCCACGCACCTCCCGGTGAGAAGCAGAGCGGAGAGGGAGCCCTCCGTAACCGCCAG
 CCTGCCCTTGCCCCGTGGCTTCTTGGGACAGCCGCTTCAAGTGTATTTAGTGCA
 GTGCCCGGCCGACCCGCGGGGTGCCACAGCCTTTTGGGATGGGGGTGAGCGTGAATG
 GAGGCTGGGGGTGGCGAGGTGCCGCTTGGCCGGGCCCCACGTGCTTTCTCCAGAATGT
 GTCTGTCTTTGCTGGTGTCTTCTTTCCCGTGTCCGCCACCCAGCGTCTGTTGGTAC
 TTACCTGTCTCACCTACCCTCCAGTCCCCTCCAGCTCCGCTCACAGGGCTCTCATTTCCG
 TCCATCCCCTTGTGCGAGATCCTGGCAGCTTCTTTGTGAGGCCAGGCCTTCTGACTGTCA
 GCACCACCGGCACAGGGCAGAGATGCGGGTGGCCCAAGGACCACGATCAAGGGGTCCGGG
 GGACCGAGGTCCCAGATCAGTGAGGGGAGAAGGTTGAGCTCTCCGCTTCCAGGGAGACC



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TCCCCGCCAGCAGCCCCAGAGACACAACAACCTACCTTCCAGCCTTAACTCGATGGTC
 CGTCCCTGCCAGGTGCCCTCACTCTTCTGACCCCAAAGCCAGATCACCCCTGGGTTA
 AAACCTTTTTTCTTTTTTTTTGGACAGAGTGTGAAAGGGAGCCCCCAAAGGATAGC
 TTCTTTTTCATGATGCCAGGCTCCAGTCCTTTATTCCCTTCTGCATACTGCAATCTGATC
 TGTGAGACTGGGAATGTTGGGTCTGGGTCTGGTCTGGGCAGGATGGTGCCAGAAG
 GGGTTAGGTTGTCCAGTGAAAATTCTGTTGCCCGTCTCAACCCCATCTGACTACCC
 AGACTGCGCTGCCTCAGATCTCAGACTATCCTGATTAATCTGGGAAGAACAGAGCCAG
 GGAAAGAATGGTGGGACCCCTGTACTTGGGGGAGACACACCTGCATCTTCTCCTGCCA
 CAGATGGAGGCCCTCAGGATCTGACACCCTTGTCCCAACACAGTCAGCCCTATAACC
 TAACTCACTCCACCCATTTTCTCCGGCTGCCTGGCCGGGTTTCTACCTCTCGTCACCGG
 AGCTGATCACTGTCAGTTTTGTACCAATTTAGAAAATAACAATAAATGAAGATTCTAGG
 AATGGCATGAGGGATTGATGGGGACTTGGAGGGAGGACAAGTGGTGCCTGTCCCTG
 CTCCCCTGGCCAAAGAAAGCTGCTTGAGGCTGAGCCCTCAGCCCTGGCCTGGTGGGG
 GACAGCAAGTCCCTTGTATAAGAGGGGCAGAGAGGACAACCTCCGCTTTGGCCAACTA
 GCCAAGGCTGCAGCATATAGACCAGGAAATCAGGTAGCCAGACTGGTGTGAGCAGAG
 TCTGGGGGAAGGTCGTGGGTGGGAATTTATACCAACATCCATTGTAGGGGAATCTA
 TGATTCTGCTTCCCCAGCGGATTCCCACTCTGTCCACCAAGTGGGGGTAGCACAGCCTC
 ACAGCAACCGCCCTGACCTTGGGCAGTCTAGTGTCTCTGCATTCTAGTCCCTGCTGTGCT
 GCAGGACTTTGGGCAAGTGACCTGCCCTCTGTGAGCCTCCCTCTGACACAGAGGAGGTG
 CTCCCCTTCCCCACACCTTAGAGTGGCTGGGAGGGTAACAAGAGGGCCTGCCCTTTAG
 TCTCTGCACCCCTGCCCTGGTTCACCAGAGGGAGCGGATGAAGGATGGCAGCATCTC
 ACATGCCCCATCACCAACTCTGAGGCACCTGGGTGGGGGGCGGAGCCAGGCCCTGG
 CTGCTCCCCTGTGGGAGCCATTGGAATGTATCCCCTGACAGGCCCCCTTCCGCTCCACC
 TCAACCCAGGTCTTGGATTTTCAGTCCCTCCACCCCATCTGAGTCTCTGTCTTCTCC
 TTCCACCCGCTCCAGGTTTCCACCACAGGCTGGAAGTGTGTGACGCCATTGA
 GCTGTTACCCGAAGTCAGATTAAAAATCAGGGAGTGTTCCTCGTTTCTGTAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_033315
- 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.

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| RefSeq: | NM_033315.2 , NP_201572.1 |
| RefSeq Size: | 3157 bp |
| RefSeq ORF: | 612 bp |
| Locus ID: | 91608 |
| UniProt ID: | Q96S79 |
| Cytogenetics: | 17q12 |
| Domains: | RAS, RAB |
| Gene Summary: | May facilitate the release of atrial natriuretic peptide by cardiomyocytes and hence play a role in the regulation of arterial pressure.[UniProtKB/Swiss-Prot Function] |