

Product datasheet for **SC108308**

RASL10B (NM_033315) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASL10B (NM_033315) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASL10B
Synonyms:	RRP17; VTS58635
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108308 sequence for NM_033315 edited (data generated by NextGen Sequencing)

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ATGGTCTCCACCTACCGGGTGGCCGTGCTGGGGGCGCGAGGTGTGGCAAGAGTGCCATC
GTGCGCCAGTTCTTGTAACAAGAGTTCAGCGAGGTCTGCGTCCCCACCACGCCCCGCCG
CTTTACCTGCCTGCTGTCGTGTCATGAACGCCACGTGCACGACCTCCAGATCCTCGACTTT
CCACCCATCAGCGCCTTCCCTGTCAATACGCTCCAGGAGTGGGCAGACACCTGCTGCAGG
GGACTCCGGAGTGTCCACGCCTACATCCTGGTCTACGACATCTGCTGCTTTGACAGCTTT
GAGTACGTCAAGACCATCCGCCAGCAGATCCTGGAGACGAGGGTGATCGGAACCTCAGAG
ACGCCCATCATCATCGTGGGCAACAAGCGGGACCTGCAGCGGGACGCGTGATCCCAGCGC
TGGAACGTGTCGCACCTGGTACGCAAGACCTGGAAGTGC GGCTACGTGGAATGCTCGGCC
AAGTACAACCTGGCACATCCTGCTGCTCTTACGCGAGCTGCTCAAGAGCGTCGGCTGCGCC
CGTTGCAAGCACGTGCACGCTGCCCTGCGCTTCCAGGGCGCGCTGCGCCGCAACCGCTGC
GCCATCATGTGA
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Clone variation with respect to NM_033315.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033315 unedited GCATTTTGTATACGACTCACTATTAGGGCGGCCGCAATTTCGCACGAGGGGGAGCTCAGC CCCGCCGACCCGGCCGCCAGGGCAGGGGGCAGCTAGGACGGCCCCGGTCCAGGTGGAGGC CGCAGAGGGCCCAGGGCAAGCAGAGGCAGCAATGGTTGGTCTGACGGTGGCTGAGCCCC CAGCCCCCTGGAATATGCAGCCCGGGGAGCCCCAGACAGCGGCAAGGACGAGGTGGCGGA GTGGGGCGGGAGGCATGGTCTCCACCTACCGGGTGGCCGTGCTGGGGGCGCGAGGTGTGG GCAAGAGTGCCATCGTGCGCCAGTTCTTGTACAACGAGTTCAGCGAGGTCTGCGTCCCCA CCACCGCCCGCCCTTTACCTGCCTGCTGTCGTATGAACGGCCACGTGCACGACCTCC AGATCCTCGACTTTCCACCCATCAGCGCCTTCCCTGTCAATACGCTCCAGGAGTGGGCAG ACACCTGCTGCAGGGGACTCCGGAGTGTCCACGCCTACATCCTGGTCTACGACATCTGCT GCTTTGACAGCTTTGAGTACGTCAAGACCATCCGCCAGCAGATCCTGGAGACGAGGGTGA TCGGAACCTCAGAGACGCCCATCATCATCGTGGCAACAAGCGGGACCTGCAGCGCGGAC GCGTGATCCCGCCTGGAACGTGTCCACCTGGTACGCAAGACCTGGAAGTGC GGCTACG TGAATGCTCGGCCAAGTACAACCTGGCACATCCTGCTGCTTTCAGCGAGCTGCTCAAGA GCGTGGCTGCGCCCCGTTGCAGCACGTGCACGCTGCCCTGCGCTTTCAGGGCGCGCTGC GCCNGAACCGCTGCGCCATCATGTGACGCTGCGCGCCNNTCGCTGCACCGGCACTGG CCGAGCGGAGGGCGGGNCNTACTTGCGGGCTTGGNNCGGGAGCGGGCGGAAATGGACT N
Restriction Sites:	NotI-NotI
ACCN:	NM_033315
Insert Size:	3180 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:	<ol style="list-style-type: none"> 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_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]