

Product datasheet for **SC112356**

RASL11B (NM_023940) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASL11B (NM_023940) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASL11B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112356 sequence for NM_023940 edited (data generated by NextGen Sequencing) ATGCGCCTCATTGAGAACATGTGCACCATCGCCGAGTACCCCGCGCCGGGCAACGCGCG GCCTCCGACTGCTGTGTGGGCGCCGCCGCCGCTGGTCAAGATCGCCGTGGTGGGC GCCAGCGGCGTGGCAAGACCGCACTGGTGGTCCGGTTCCTACCAAACGATTTCGGT GACTATGAAAGAAATGCAGGTAATCTCTATACTAGACAAGTTCAGATAGAAGGTGAAACC CTGGCTCTTCAGGTTCAAGACACTCCAGGTATTCAGGTCCATGAGAACAGCCTGAGCTGC AGTGAACAGCTGAATAGGTGCATTCGCTGGGCAGATGCTGTGGTATCGTTTTCTCCATC ACTGACTACAAGAGCTATGAACTCATCAGCCAGCTCCACCAGCACGTGCAGCAGCTACAC CTGGGCACCCGGCTGCCTGTGGTGGTCTGGCCAAACAAGCTGACCTGTTGCACATCAA CAGGTTGACCCCTCAGCTTGGACTGCAGCTAGCCAGCATGCTAGGCTGCTCATTCTATGAA GTGCTGTGTCAGTAAAATTATAATGATGTCTACAGCGCCTTCCAGTCCCTCTGTAAGAG GTCAGTCAAAAACAGCAGCCTAGCAGTACACCCGAGAAGCGAAGAACCTCCCTCATTCCC AGGCCCAAGTCACCCAACATGCAGGACCTGAAGAGGAGGTTTAAGCAAGCCCTCTCTGCC AAAGTGAGGACTGTCACCTCCGTCTGA

Clone variation with respect to NM_023940.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_023940 unedited
 GCCGCGTAATTCGCACGAGGGCCCTGCGGAACCTCGGCGCTCGGCCCCACCCCGCCCGTA
 CCTGCACTTATTTATTGTTGTTATTTCTTACCGCGGAGCCCCGCAGTCGGGTCTCCCCG
 CCGCTCCC CGCAGCGCTAGCATTCTCCAGTCCCTCAGTCCCTCCCGCGCGGTGCGCCG
 CAGCCGAGGCGATGCGCCTCATTGACACATGTGACCATCGCCGAGTACCCCGCGCCG
 GCAACGCCGCGGCTCCGACTGCTGTGTGGCGCCGCGGCGCCGCTGGTCAAGATCG
 CCGTGGTGGCGCCAGCGCGTGGGCAAGACCGCACTGGTGGTCCGGTTCCTCACCAAC
 GATTCATCGGTGACTATGAAAGAAATGCAGGTAATCTCTATACTAGACAAGTTCAGATAG
 AAGGTGAAACCCCTGGCTCTTCAAGTTCAGACTCCAGGTATTAGGTCCATGAGAACA
 GCCTGAGCTGCAGTGAACAGCTGAATAGGTGCATTGCTGGGCGAGATGCTGTGGTGATCG
 TTTTCTCCATCACTGACTACAAGAGCTATGAACTCATCAGCCAGCTCCACCAGCAGCTGC
 AGCAGCTACACCTGGGCACCCGGCTGCCTGTGGTGGTCTGGCCAACAAAGCTGACCTGT
 TGCACATCAAACAGTTGACCCTCAGCTTGGACTGCAGTAGCCAGCATGCTAGGCTGCT
 CATTCTATGAAGTGTCTGTCAGTAAAAATTATATGATGTCTACAGCGCTTCCACGTNCT
 CTGTAAAGAAGTCAGTCAACAGCAGCCTAGCAGTACACCCCGAGAGCGAAGAACCTNC
 CTCATCCAGCCCAAGTCACCCACATGCAGACCCTGAGAGGAGGTTAAGCAGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_023940 unedited
 NTTCTTGCCCGCGCCGCGCATTCTANATCGAGNTTTTTTTTTTTTTTTTTTTTTTTTCT
 TTTTCAAAGCGATTTATTGTACATAAAATAAATTAATTACAGTTAAAGCCAAAGCATGAG
 TGGCTTTTTAAAGTGCATCTGTGGAGGGGATGTGGCAGGTAGCCCTGTTCACTTGCTGC
 AAGATAAGTGTTTAGTATTTACGCCACCCTTAGGCACAACCTACCCAGGCTAGGAAGC
 AACCCACGTCATTGCCATGAACATTTACACAAGTCACACAAAACCACTGACACATT
 TTTTCTGTGGAACAGTTAAAAAACAACAACTATACAGTCAAAGTCTGGGGTTGAA
 AAGCGTGAAGTTCACAGTTCCTCCACACGCCCAACTGAGCATGCTCCTGTGAGGG
 GGAACCACAGCCTTCTGTAAACCATGAGAGCTTACCAATGTCTGGTATACAAAATATTC
 TGGCCATAAACTCAACCTGCCTTTGAGGGGCGAGGGATTTCCATCTTGGACATAAAGA
 AAGAAATCTGGGTATCCTCAGGTTAGAAAGGCTTCTGTAAGAATAGGGTTCCAGAGTCC
 CCAATCATCTGGTAAGAAAAAGCACTTCTCCCTCTTGGCGAACCCCCCTGCCCGAA
 CACCGCACTCAGACTACGGGGAAAAAAGACGCTATCAAGGCTAAACCCCCCTTTT
 TTCCCACTGTAATTACATCGCCACTTGGGAAACTGTCACGGCCCCCACTTTCAAGGC
 TCTTCGATGCCAAACCCGATCCTATTTTGGCCCCCGCGCCTTTAAGGAAAAAATCC
 CGGGTGTCTTCCCCCTCCCCACAGGCGGTACGGCCCTTTTGAACCCGTACATCG
 CGTACGCCGCTCTTAGAAACAGCCCGGGCTTATTAACAACGTACCAGGC

Restriction Sites:

NotI-NotI

ACCN:

NM_023940

Insert Size:

2130 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: [NM_023940.2](#), [NP_076429.1](#)

RefSeq Size: 1979 bp

RefSeq ORF: 747 bp

Locus ID: 65997

UniProt ID: [Q9BPW5](#)

Cytogenetics: 4q12

Domains: ras, RAS, RHO, RAB

Protein Families: Stem cell - Pluripotency

Gene Summary: RASL11B is a member of the small GTPase protein family with a high degree of similarity to RAS (see HRAS, MIM 190020) proteins.[supplied by OMIM, Nov 2008]