

Product datasheet for **SC114215**

RASL12 (NM_016563) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASL12 (NM_016563) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASL12
Synonyms:	RIS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016563, the custom clone sequence may differ by one or more nucleotides

ATGTCCTCGGTGTTTGGAAAACCCGCGCGGGCAGCGGGCCTCAGAGCGCGCCCTCGAGGTCAACCTGG
CCATCCTGGGGCGCCGCGGGGCTGGCAAGTCTGCCCTGACCGTGAAGTTTCTGACCAAGAGGTTTATCAG
TGAATATGACCCCAACTTGGAGGACACCTACAGCTCCGAGGAGACTGTGGACCACCAGCCTGTCCACCTG
AGGGTCATGGACACTGCAGACCTGGACACCCCAAGGAAGTGCAGAGCGCTACCTGAACTGGGCCCATGCCT
TCCTGGTGGTGTACAGCGTGCAGAGCCGCCAGAGCTTTGATAGCAGCAGCAGCTACCTGGAGCTGCTTGC
CTTGACGCGAAGGAGACACAGCGCAGCATCCCTGCCCTGCTGCTGGGCAACAAGCTGGACATGGCTCAG
TACAGGCAAGTCACCAAGGCAGAGGGTGTGGCTTTGGCAGGCAGGTTTGGGTGCCTGTTTTTCGAGGTCT
CTGCCTGTCTGGACTTTGAGCACGTGCAGCATGTCTTCCACGAGGCAGTGCAGAGGCACGCGGGAGCT
GGAGAAGAGCCCCCTGACCCGGCCCTCTTCATCTCCGAGGAGAGGGCCCTGCCCCACCAGGCCCGGCTC
ACCGCGCGCATGGGCTGGCCAGCTGCACCTTCAACACGCTCTCCACCATCAACCTGAAGGAGATGCCCA
CTGTGGCCAGGCCAAGCTGGTCACCGTGAAGTCATCCCGGGCCAGAGCAAGCGCAAGGCGCCTACCT
GACTCTCTGAAGGGCTTCAAGATCTTCTGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016563 unedited
 NTTGTCAAAATTTGTATACGACTCCTATAGGGCGGCGCGAATTCGCACGAGCGGGTCCG
 GGGCCGCGCGCTCCAGGNAAGCCTGCATCCCGCTCCCCTGGGCCCCGACGGGCGGGCGCA
 CTGCGCGGGGCCACCGGCCGACAGCTGCGTGGCCGTCCAGGGCGTCGCCATGTCCTCG
 GTGTTTGGAAAACCCCGCGCGGGCAGCGGGCTCAGAGCGCGCCCTCGAGGTCAACCTG
 GCCATCCTGGGGCGCGCGGGCTGGCAAGTCTGCCCTGACCGTGAAGTTTCTGACCAAG
 AGGTTTATCAGTGAATATGACCCCAACTTGGAGGACACCTACAGCTCCGAGGAGACTGTG
 GACCAACGAGCCTGTCCACCTGAGGGTCATGGACACTGCAGACCTGGACACCCCGAGGAAC
 TGCGAGCGCTACCTGAACTGGGCCCATGCCTTCCTGGTGGTGTACAGCGTCGACAGCCGC
 CAGAGCTTTGATAGCAGCAGCAGCTACCTGGAGCTGCTTGCCTTGACGCGAAGGAGACA
 CAGCGCAGCATCCCTGCCCTGCTGCTGNGCAACAAGCTGGACATGGCTCAGTACAGGCAA
 GTCACCAAGGCAGAGGGTGTGGCTTTGGCAGGCAGGTTTGGTGCCTGTTTTTCGAGGTC
 TCTGCCTGTCTGGACTTTGAGCAGTGCAGCATGTCTCCACGAGGCANTGCGAGAGGCA
 CGGCGGGAGCTGTAGAAGTACCCCTGACCCGCCCTTTTCATCTCCGAGGAGAGGGCCC
 TGCCACACAGCCCCGTTACTGCGCGGATGGGTTGGCCAGCTGCACTTTNAAACGCTCT
 CAACCATAACCTGAAGAAATGCCACTGTGGCCAAGCCAGCTGGTCCCGTGAGTCTTCCG
 GGCCAGAGAAGGCAAGGCGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016563 unedited
 NTTCTTTTAAATGCTCCTGGNAGGTAGCAGGTGGTATTGCATAGTTTGTTCAGATGGCA
 GTGGTACACACACATACACACAAGTGGCCTGGAGCAAAAGTGCAAAATCCGTAGCT
 GGCCTGTGGGTGCGGAAGCCTGTAGGACTGCAAGCATGTGGTCTTGAGTAGTTCACAGCC
 CCCCTCTGACCTCAGCTCCTCCATTTACAGAATGAGTCCGAAGACTGGGTGAGAGATGCT
 GTTTGCAATCCAACAGTAGTCTCTGAGACTGCTGAGAGGGGAAGGAGCANGCTTNCAGGCC
 CAGAATCCCCTTCCCAATCCTTCCACCCACAGGACCCTCTCTTTCCCTGCTTGTCTGC
 TAAGAGTCTGTGCAAGACTCCCCTGNGACCTGGCGTGTGGTAAACAAAATCAAACAACTA
 CCACACTGTCTGCCTTGACAGCCTTTTCTTGCTACTGTGCGACCTACCGGGTTCCTCC
 GTTCCTTCCCTGCCCATGGGTCCCGTTTCCCTTCCCCGACACCCCCCTTCTATACCCC
 ACCTTCTTTTTCTTTCCACCCCGTCTTCTCTTTTTTCGCTTCCCCCTCCTCCTCCC
 CCTCCCTCCCTCCCTCTCCTCATCCCTCCTTTTCTTCCCCCTTCTCTTCCCTTCC
 GTGTTCTTTCCCCCTTCTCCCTTTTCCCTCGTTCATCCCCCTCCTCCTCCTGCT
 TTCTCCCCCTTCCCTTTTCCCTTTTCTTTTCTTCTTCCCTTCTCTTCTCTCTCT
 CCTCCCCCTTTTTCCCTCTTCTCCCCCTTCCCTCCTCCTTTTCCCCCTTTTCCACGAC
 TTCCCTCCGTCTCGCTTGGTATTTTCTTTTCCGTTTTTCCCCCTACGTTTACCT
 TCTCCTCTTCTTTTCCCCCGTTCCCGCCTTCCCCCATCCTTATCCTCCCCCTC
 CCCCCTCTTCCCTCCCCCTC

Restriction Sites:

NotI-NotI

ACCN:

NM_016563

Insert Size:

2000 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_016563.2](#), [NP_057647.1](#)

RefSeq Size: 2603 bp

RefSeq ORF: 801 bp

Locus ID: 51285

UniProt ID: [Q9NYN1](#)

Cytogenetics: 15q22.31

Domains: ras, RAS, RHO, RAB