

Product datasheet for **SC116057**

RASL10A (NM_006477) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASL10A (NM_006477) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASL10A
Synonyms:	RRP22
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116057 sequence for NM_006477 edited (data generated by NextGen Sequencing)

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ATGGGGGGTAGCCTGCGGGTGGCCGTTCTAGGCGCCCCGGGCGTGGGCAAGACGGCCATC
ATCCGCCAGTTTCTGTTTCGGTGACTACCCCGAGCGCCACCGGCCACGGACGGGCCGCGC
CTCTACCGACCCGCGGTGCTGCTCGACGCGCCGTCTACGACTTGAGCATCCGCGACGGC
GACGTCGCTGGCCCCGGCTCGAGCCCCGGGGTCCGGAGGAGTGGCCAGACGCTAAGGAC
TGGAGCTTGCAGGACACGGACGCCTTCGTGCTCGTCTACGACATCTGCAGCCGGACAGT
TTCGACTACGTGAAGGCCCTGCGGCAGCGCATCGCGGAGACCAGGCCGGCGGGCGCGCCC
GAAGCGCCATCCTCGTGGTAGGCAACAAGCGGGACAGGCAGCGGCTGCGCTTCGGACCG
CGGCGCGGCTGGCCGCCCTAGTGCGCAGGGGCTGGCGCTGCGGCTACCTCGAGTGCTCC
GCCAAGTACAACGGCACGTGCTGCGTCTCTCCGCGAGCTGCTGCGCTGCGCTCTGGTG
CGCGCGGCCCTGCACACCCGGCCCTGCGCCTGCAGGGGGCGCTGCATCCCGCGCGCTGC
AGCCTCATGTGA
```

Clone variation with respect to NM_006477.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006477 unedited
 GGGGCAACCGGCAGGGCGCGCGGGGCGCAAGGCCTGGGGGCGCAAGGTGCGGGCGCCGGCC
 CATGAGGCTTTCCAGCGCGGGGAGCGGCAGCGCCGGCCGATGGGGGTAGCCTGCGG
 GTGGCCGTTCTAGGCGCCCCGGGCGTGGGCAAGACGGCCATCAATCCGCCAGTTCCTGTT
 CGGTGACTACCCGAGCGCCACCCGGCCACGGACGGGCGCGCCTCTACCGACCCGCGGT
 GCTGCTCGACGGCGCCGCTACGACTTGAGCATCCGCGACGGCGACGTCGCTGGCCCCGG
 CTGAGCCCCGGGGTCCGGAGGAGTGGCCAGACGCTAAGGACTGGAGCTTGACAGACAC
 GGACGCCTTCGTGCTCGTCTACGACATCTGCAGCCCGGACAGTTTCGACTACGTGAAGGC
 CCTGCGGCAGCGCATCGCGGAGACCAGGCCGGCGGGCGGCCCGAAGCGCCCATCCTCGT
 GGTAGGCAACAAGCGGGACAGGCAGCGGCTGCGCTTCGGACCGGGCGCGCGCTGGCCGC
 CCTAGTGCGCAGGGGCTGGCGCTGCGGCTACCTCGAGTGTCCGCCAAGTACAACGGGC
 ACGTGCTGCGTCTCTCCGCGAGCTGCTGCGCTGCGACTCTGGTGCGCGCGCCCTGCA
 CACCCGGCCCTGCGCCTGCANGGGGCGCTGCATCCCGCGCGCTGCAGCCTCATGTGACCC
 GATCGGACAGTGCATCCATGGGCCACCTTGTGACTGGGACAATCANNNGACCTGNAT
 TGNACNGGATCGCCAACTTACNNTGGACTGACAGGGAAGTCTCCGCCCTGATGNATGA
 NNGAAGCTCCACCCAGTCTCTAAGCGACTGGCCCCCTTTGAACCTCATGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006477 unedited
 TAGCTTTGGACCGGCGCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTCAAATATTTTCCTTTTTATTACCCCGGGTAGGGGTGGCATAAAGAATATGTCAG
 GGAAGCTCCAGGAGCAGGCTGCGTGTTCAGTCAAGTTCATAGCCAAGTCTTTCCATC
 CAATGGGATTGGGACCCATTGAGGTCCCAAAAAGGACTGGTCATCTCAATGGAGCTTGG
 GACCTGGTTGGGTCCAATGAGGTTCAAAAAGGGGGCCAGTCGCTTAGGAAACTGGGTGGA
 GCTTTCCTCATCCAATCAGGGCGGAGACTTCCCTGTCCAGTCCCAGTGAAGTTGGGCGAT
 CCCGTCCAATCCAGTCCCTGATTGTCCAGTCAAGGGGGGGCCCATGGATGGCACTG
 TCCGATCGGGTCACATGAGGCTGCAGCGCGGAATGCAGCGCCCTGCAGGCGCAGGG
 CCGGGTGTGCAGGGCGCGCGCACAAAGCGCAGCGCAGCAGCTCGCGGAAGAGACGCA
 GCACGTGCCAGTTGTAATTTGGCGGAGCACTCGAGGTAGCCGACGCGCCAGCCCTGCGCC
 TAGGGCGCCAGCGCGCGCCGCGGTCCGAAGCGCAGCCGTTGCCTGTCCCGCTTGTGCC
 TACACGAGGATGGGCGCTTCGGGCGCGCCCGCGGCTGGTCTCCGCGATGCGCTGCCCCG
 CAGGCC TTCACGTATCCNAAATTTGTCGGGCTTGCAAAGTCTAAAACAACCCAAAGGCG
 TCCTGTCTGCAAGCTCCAATCTTTAGGTTTGGACCCTCTCCGACCCCGGGTTTGAGC
 CGGGCCACAGGATCCCCCTCCGGGTTGCTCAATCTAACACGGCCCTAACACACCCCGG
 CGCTCGTAAAGATCGCTCTTTCTGGCCCGGTGGCCTCGGGTTACCCCCCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_006477

Insert Size:

1190 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_006477.3](#), [NP_006468.1](#)

RefSeq Size: 1519 bp

RefSeq ORF: 612 bp

Locus ID: 10633

UniProt ID: [Q92737](#)

Cytogenetics: 22q12.2

Domains: RAS, RHO, RAB

Gene Summary: Potent inhibitor of cellular proliferation.[UniProtKB/Swiss-Prot Function]