

## Product datasheet for SC301211

### RASL10A (NM\_001007279) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RASL10A (NM_001007279) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASL10A
Synonyms:	RRP22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301211 representing NM_001007279. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGGGTAGCCTGCGGGTGGCCGTTCTAGGCGCCCGGGCGTGGGCAAGACGGCCATCATCCGCCAG
TTCCTGTTTCGGTGACTACCCCGAGCGCCACCGGCCACGGACGGGCGCGCCTCTACCGACCCGGGTG
CTGCTCGACGGCGCCGTCTACGACTTGAGCATCCGCGACGGCGACGTGCTGGCCCCGGCTCGAGCCCC
GGGGTCCGGAGGAGTGGCCAGACGCTAAGGACTGGAGCTTGACGACACGGACGCCTTCGTGCTCGTC
TACGACATCTGCAGCCCGACAGTTTCGACTACGTGAAGGCCCTGCGGCAGCGCATCGCGGAGACCAGG
TAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001007279
Insert Size:	348 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).
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.



<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001007279.1</a></u>
<b>RefSeq Size:</b>	1813 bp
<b>RefSeq ORF:</b>	348 bp
<b>Locus ID:</b>	10633
<b>Cytogenetics:</b>	22q12.2
<b>MW:</b>	12.5 kDa
<b>Gene Summary:</b>	Potent inhibitor of cellular proliferation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains sequence that is intronic in variant 1. The intronic sequence includes an in-frame stop codon at its 5' end, resulting in an isoform (b) that is shorter at the C-terminus compared to isoform a.