

Product datasheet for **RN216068**

Rasl2-9 (NM_001166675) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rasl2-9 (NM_001166675) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rasl2-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216068 representing NM_001166675 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGCCAGGGAAAGCCGCAGATCCAGTTCAAGCTTGTCTTGTGGGCGATGGAGGCACCGGGAAGA
 CAACATTCATGAAGCGCCACTTGACCGGAGAGTTTGAGAAGGAGTATGTAGCCACCCTGGGCGTGGAAGT
 GCACACACTAGTCTTTCATACCAACAGAGGACCCATCAAGTTCAATGTGTGGGACACAGCCGGCCAGGAG
 AAGTTCGGGGGCCTGCGCGATGGCTACTATATCCAAGCCCAAGTGTGCCATTATAATGTTTGATGTAACAT
 CCAGAGTTACTTACAAGAACGTACCTAGCTGGCATAAAGATCTGGTCCGTGTGTGTGAAAACATCCCCAT
 TGTGTTGTGTGGCAACAAAGTGGATATTAAGACATGAAAGTGAAGGCAAGCCTATTCTCTTCCACCGA
 AAGAAGAATCTTCAGTACTATGACATTTCTGCCAAAAGTAACTATAACTTTGAAAAGCCTTTCTTCTGGC
 TTGCCCCAAAGCTCATTGGAGATCCTAACTTGGAGTTCGTTGCCATGCCTGCTCTTGCCCCACCTGAGGT
 GGTCATGGACCCAGCTTTGGCAGCACAGTACGAGCATGATTTAGAGGTTGCTCAGACGACTGCTCTCCCG
 GATGAGGAAGATGACCT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001166675
Insert Size:	651 bp


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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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001166675.1, NP_001160147.1</u>
RefSeq Size:	1179 bp
RefSeq ORF:	651 bp
Locus ID:	751812
UniProt ID:	<u>Q8K586</u>
Cytogenetics:	1q12
Gene Summary:	GTP-binding protein involved in nucleocytoplasmic transport. Required for the import of protein into the nucleus and also for RNA export. Involved in chromatin condensation and control of cell cycle (By similarity).[UniProtKB/Swiss-Prot Function]