

Product datasheet for MC211594

Rasd2 (NM_029182) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rasd2 (NM_029182) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rasd2
Synonyms: 4930526B11Rik; AU045414; Rhes; TEM-2; TEM2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211594 representing NM_029182
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGAAGACCTTGTCCAGTGGGAAGTGCACACTCAATGTGCCTGCTAAGAACTCCTACCGCATGGTGG
 TGCTGGGTGCCTCCGAGTGGCAAGAGCTCCATTGTCTCCCGCTTCTCAATGGCCGCTTTGAGGACCA
 GTACACGCCCACTATCGAGGACTTTCATCGCAAGGTGTACAACATCCACGGGGACATGTACCAGCTGGAT
 ATCCTGGACACCTCTGGCAACCACCCATTCCCTGCCATGCGCCGGCTCTCCATCCTCACAGGAGATGTCT
 TCATCCTGGTGTTCAGCCTGGATAGCCGGGAGTCTTTGATGAGGTCAAGCGCCTCCAGAAACAGATCCT
 GGAGGTCAAGTCTGCCTGAAGAATAAAACCAAGGAGGCAGCAGAGCTGCCCATGGTGATCTGTGGGAAC
 AAGAATGACCACAGTGAAGTGTGCGCCAGGTCCTGCCATGGAGGCTGAGCTGTGGTGTCTGGTGATG
 AAAACTGCGCCTACTTCGAGGTGTGAGCAAGAAGAACAATAATGTGAATGAGATGTTCTATGTGCTGTT
 CAGCATGGCCAAGCTGCCCATGAGATGAGCCCTGCACTGCACCATAAGATCTCCGTGCAGTACGGCGAT
 GCTTTTACCCCCGGCCCTTCTGCATGCGTCGCACTAAGGTCGAGGTGCCTATGGCATGGTCTCACCCCT
 TTGCCCGACGCCCAAGTGTCAACAGTGACCTCAAGTACATCAAGGCCAAGGTCTACGGGAGGGCCAGGC
 CCGAGAGAGGGACAAGTGTAGCATCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029182
Insert Size: 801 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).
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:	<ol style="list-style-type: none">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_029182.1 , NP_083458.1
RefSeq Size:	2810 bp
RefSeq ORF:	801 bp
Locus ID:	75141
UniProt ID:	P63032
Cytogenetics:	8 C1
Gene Summary:	GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination.[UniProtKB/Swiss-Prot Function]