

Product datasheet for **RN215027**

Rasd2 (NM_133568) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rasd2 (NM_133568) Rat Untagged Clone
Tag: Tag Free
Symbol: Rasd2
Synonyms: Rhes
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215027 representing NM_133568
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGAAGACCTTGTCAGCGGAACTGCACACTCAACGTGCCCGCTAAGAAGCTCTACCGCATGGTGG
TGCTGGGTGCCTCCCGGTGGCAAGAGCTCCATTGTCTCCCGTTTCCTTAATGGCCGCTTTGAGGATCA
GTACACACCCACCATCGAGGACTTTCATCGCAAGGTGTACAACATCCATGGGGACATGTACCAGCTGGAC
ATCCTGGACACCTCTGGTAACCATCCGTTCCCTGCCATGCGCCGGCTGTCTATCCTCACAGGAGAGCTCT
TCATCCTGGTGTTTAGCCTGGATAGCCGGGAGTCTTCGACGAGGTCAAGCGCCTCCAGAAACAGATCCT
GGAGGTCAAGTCTGCCTGAAGAATAAGACCAAGGAGGCCGAGAGCTGCCTATGGTGATCTGTGGGAAC
AAGAATGACCACAGTGAGCTGTGCCGCCAGTCCCTGCCATGGAGGCCGAACTGTTGGTGTCCGGGGATG
AAAAGTGCCTACTTCGAGGTGTGAGCAAGAAGAACAACGAACGTAACGAGATGTTCTACGTGCTGTT
CAGCATGGCCAAGCTGCCCCACGAGATGAGCCCTGCACTGCACCACAAGATCTCCGTGCAGTACGGTGAC
GCCTTCCACCCCGCCCTTCTGCATGCGTCGACCAAGGTGCGAGGTGCCTATGGCATGGTCTCGCCCT
TCGCCCCGCCCCAGTGTCAACAGTGACCTCAAGTATATCAAGGCCAAGGTCTACGGGAGGCCAGGC
CCGAGAGAGGGACAAGTGCAGCATCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133568
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_133568.1 , NP_598252.1
RefSeq Size:	3469 bp
RefSeq ORF:	801 bp
Locus ID:	171099
UniProt ID:	P63033
Cytogenetics:	19p11
Gene Summary:	human homolog binds GTP and has GTPase activity and is also shows similarity to members of the Ras-like GTP-binding protein family [RGD, Feb 2006]