

Product datasheet for **RN202143**

RSA-14-44 (NM_182670) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: RSA-14-44 (NM_182670) Rat Untagged Clone

Tag: Tag Free

Symbol: RSA-14-44

Synonyms: MGC94489

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN202143 representing NM_182670
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCCATCCGAAGAACTGGTGATTGTGGGAGATGGAGCTTGTGGAAAAACATGCTTGCTCATCG
 TCTTCAGCAAGGACCAGTTTCCTGATGTTTATGTGCCACAGTGTGAGAACTATGTGGCTGATATCGA
 AGTGGATGGAAAACAGGTGGAGTTGGCCCTCTGGGACACAGCTGGTCAAGAAGATTATGATCGTTGAGG
 CCACTCTCCTATCCGGACACTGATGTCTCTTGATATGTTTCTCCATTGGCAACCCTGATAGCTTTGGGA
 ACATCCCACACAATGGATACCAGAAGTAAAGCATTTCTGTCCCAACGTGCCATCATCCTGGTCGGGAG
 CAAGAAGGATCTTCGGAATGACTTGAACACAATACAAGAGTTAGCCAAGAGGAAACAAGACCGGTGAAA
 CCTGAACAAGGCCGAGATTTGGCGAACAGCATTGGCGCTTTCGAGTATGTGGAGTGTTCTGCAAAGACCA
 AAGATGGAGTGAGAAAGGTCTTTGAAAAAGCCACCAGGGCTGCTCTGCAAACGAACCGTGTGAAGAAAAA
 GACTGGCTGCTTTGTCTTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_182670

Insert Size: 582 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:	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_182670.2, NP_872611.2</u>
RefSeq Size:	1399 bp
RefSeq ORF:	582 bp
Locus ID:	297173
Cytogenetics:	4q31
Gene Summary:	a member of the rho/ras family of small GTPases [RGD, Feb 2006]