

Product datasheet for **RN209798**

Rhov (NM_138542) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhov (NM_138542) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rhov
Synonyms:	Arhv; Chp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209798 representing NM_138542 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCCAGCGGGCGTGCCAGCTTGGACAGATTGTCAGCGTCCGGCTGCGGAACCTGCCTCCCTGAGC
GCCGCGGAGCCTGGTCCGGGCTGGCCCTCTGCTACCCCGGGAGCGGCCATGCCCGCGGGAGCTGAG
CGAGGCCGAGCCACCGCCTCTCCGGCCTCGACCCCTCCTCCGCGCGGGCGCAGCGCCCTCCGGAGCTG
GGCATCAAATGCGTGCTGGTGGCGATGGCGCGTGGCAAGAGCAGCCTCATCGTCAGTACACCTGCA
ATGGATACCCCTCGCGCTATCGGCCTACAGCACTGGACACTTTCTCCGTGCAAGTCCTGGTAGATGGAGC
CCCTGTGCGAATTGAGCTCTGGGACACAGCAGGGCAGGAGGACTTTGACCGGCTTCGTTCTCTGCTAC
CCGGATACCGATGTCTTTCTGGCTTGCTTCAGCGTGGTGACGCCAGCTCCTTTCAAACATAACAGAAA
AATGGCTGCCGGAGATCCGCACTCACAACCCCAAGCACCTGTGTTGCTGGTGGCACTCAGGCCGACCT
GAGGGACGATGTCAATGTACTAATTCAGTTGGACCAAGGAGTCCGGAGGGCCAGTACCCGAACCCCA
GCCCAGGGTTGGCTGAGAAGATCCGGGCTGCTGCTACCTTGAGTGCTCAGCCTTGACGAGAAGAACT
TGAAGGAGGTGTCGACTCAGCCATTCTCAGTGCATTGAGCACAAGCCCGCTGGAGAAGAACTGAA
CGCAAAAGGTGTGCGCACGCTCTCTCGCTGCTGGAAGAAGTCTTCTGCTTTGTT**TGA**

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_138542
Insert Size:	831 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_138542.2</u> , <u>NP_612551.2</u>
RefSeq Size:	1741 bp
RefSeq ORF:	831 bp
Locus ID:	171581
UniProt ID:	<u>Q9Z1Y0</u>
Cytogenetics:	3q35
Gene Summary:	Plays a role in the control of the actin cytoskeleton via activation of the JNK pathway. [UniProtKB/Swiss-Prot Function]