

Product datasheet for **RN211530**

Rangap1 (NM_001012199) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rangap1 (NM_001012199) Rat Untagged Clone
Tag: Tag Free
Symbol: Rangap1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211530 representing NM_001012199
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCTGAAGACATTGCCAAATTGGCAGAGACCCCTGGCCAAAACCTCAGGTAGCCGGAGGACAGCTGA
 GTTTTAAGGGCAAGGGTCTCAAACATAAATACTGCAGAAGATGCTAAAGATGTGATTAAGGAGATTGAAGA
 GTTTGATGGCCTGGAAGCTCTACGACTGGAGGGGAACACAGTGGGCGTGGAAGCGGCCAGAGTCATCGCC
 AAGGCCTTAGAGAAGAAGTCCAAGCTGAAGCGATGCCATTGGAGTGACATGTTCCACGGAAAGGCTTCGGT
 CCGAGATCCCACAGCTCTGATCTCACTAGGGGAGGGGCTCATCACTGCAGGAGCACAGCTGGTGGAGCT
 CGACCTCAGTGACAACGCATTTGGACCTGATGGAGTGGAGGCTTCGAGGCCCTCCTCAAGAGCCCAGCC
 TGCTTCACCTGCAGGAACCAAGCTTAACAACCTGTGGCATGGGCATCGGTGGTGAAGATTCTGGCAG
 CAGCTCTGACTGAGTGCCACCGCAAGTCCAGTGCCCAAGGCAAGCCACTGACCCTGAAGGTGTTTGTGGC
 TGGCAGAAATCGCCTGGAGAATGATGGAGCCACTGCCTGGCAGAAGCCTTTGGGATCATCGGGACTCTG
 GAAGAGGTCCATATGCCACAGAATGGAATTAACCACCTGGTGTACAGCCCTGGCCAGGCGTTTGCCA
 TTAACCCCTGCTGCGAGTCATCAATCTAAACGACAACACCTTCACTGAGAAGGGTGGGGTGGCCATGGC
 TGAGACCTGAAGACACTGCGACAAGTGGAGGTGATCAATTTGGAGACTGCCTGGTGGCTCCAAGGGG
 GCGGTCCGATCGCAGATGCTGTCCGTGGGGCCCTGCCAAGCTGAAGGAGCTGAACCTGTCAATCTGTG
 AAATCAAGAGAGATGCTGCCCTGGTTGTTGCCAGGCTGTGGCTGACAAGGCTGAGCTGGAGAAGCTGGA
 CCTCAATGGCAATGCCCTAGGAGAAGAGGGCTGTGAGCAGCTTCAGGAGGTGCTGGCAGCTTCAATATG
 GCCAAGGTGCTGGCATCCCTCAGTGATGATGAGGGAGAGGATGAGGATGAGGATGAGGAAGGAGAGGACG
 ATGAGGATGAGGAAGATGAGGAGGAGGAGGAGGAAGAAGAGGAGGAAGAGGAGGAAGAAGAGGCC
 ACAGCAGCGAGGGTCCAGGAGAGGAGCCAGCTACACCTCGAGGAAGATCCTGGACCCTAACAGTGGGAGA
 AGCTGCTGCGGCTGGGTCAAAGGTCTCGGTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001012199
Insert Size:	1296 bp
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:	<u>NM_001012199.1, NP_001012199.1</u>
RefSeq Size:	2252 bp
RefSeq ORF:	1296 bp
Locus ID:	362965
Cytogenetics:	7q34