

Product datasheet for **RN217173**

Rap1gap (NM_001100713) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rap1gap (NM_001100713) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rap1gap
Synonyms:	Rap1ga1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217173 representing NM_001100713

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAGCGGCCGGAAGCGCAGCTTACCTTCGGTGCCTATGGAGGGGTGGACAAATCCTTCTCTCCTCGAC
AGAGTGTGTGGAGGAGTGATGGACAGAAACACAGCTTCCCTCAGACACTGAACGTGTTACTAGTGGACTC
AGTTCCCTCCACCCCTGCTTACCCCTACCTAAGAACACAGATCTGTTTGAGATGATTGAAAAGATGCAG
GGAAGCAGGATGGATGAACAACGATGCTCCTTCCCGCCACCCCTCAAGACGGAGGAGGACTACATTCCT
ACCCAAGTGTCCATGAGGTTTTGGGGCGAGAAGGGCCCTTCCCCCTCATCCTGCTGCCCCAGTTTGGGGG
CTACTGGATTGAAGGCACCAACCATGAAATCAGCAGTATCCCCGAGACAGAGCCGCTGCAGTCTCCACC
ACCAAGGTCAAGCTGGAGTGCAACCCACAGCCAGAATCTACCGAAGCACTTTCTCGGCAAGGAGCACT
TCAATTACTACTCGCTGGACACTGCTCTCGGCCACCTGGTCTTCTCGCTCAAGTATGATGTCATCGGGGA
TCAAGAGCACCTGAGGCTATTGCTTAGGACCAAGTGTGGACCTACCATGATGTCATCCCATCTCCTGC
CTCACCAGATTCCCCAACGTGGTCCAGATGGCAAAGTTGGTATGTGAAGATGTCAACGTGGATCGATTCT
ACCCCGTGCTTTATCCTAAGGCTTCCAGACTCATCGTCACCTTTGACGAGCATGTTATCAGCAATAACTT
CAAGTTCGGAGTCATCTATCAGAAGCTGGGGCAGACATCCGAGGAGGAACTGTTACGACCAACGAGGAA
AGTCTGCTTGTGGAATTCCTCGAGTTTCTGGGCCAGAAAGTCAAAGTGCAGGATTTCAAGGGGTTCC
GAGGAGGCTGGACGTGACTCACGGGCAGACGGGACCGAGTCCGTCTACTGCAACTTCCGCAACAAGGA
GATCATGTTTCATGTGTCCACCAAGCTGCCATACACAGAAGGGGACGCCAGCAGTTGCAGCGGAAACGG
CACATCGGGAACGACATCGTCGCGTGGTCTTCCAGGACGAAACACGCCCTTCTGCGCAGACATGATTG
CTTCCAACCTTCTGCATGCCTATGTGGTGGTGCAGGCAGAGGGGGTGGCCCCGATGGCCCCCTCTACAA
GGTCTCAGTCACCGCGAGAGACGATGTGCCCTTTTTCGGGCCTCCCTCCAGATCCTGCTGTGTTCAAG
AAGGGGCTGAGTTCAGGAATTTCTTCTGACAAAGTTGATCAACGCTGAGTACGCCTGCTACAAAGCAG
AGAAGTTTGCCAACTGGAGGAGCGGACACGTGCTGCCCTTCTGGAGACACTCTACGAGGAGCTCCACAT
CCACAGCCAGTCCATGATGGGCTGGGTGGTGCAGATGACAAGATGGAGAATGGCAGCGGTGGGGGTGGC
TTCTTCGAGTCTTCAAGAGGTCATCCGGAGCCGGAGCCAGTCCATGGATGCCATGGGACTGAGCAACA
AGAAACCAACACCGTGTCTACAGCCACAGTGGGAGCTTACCCCCAACACCCGGACCTGGCCAAGGC
AGCTGGCATATCATTGCTTATTCGGGAAAAGCGCGAGTAGATTCGGACGCCGGGCGAGCGCTTAGGC
ATAGGAGCTGTGGAAGAGTCCCTGATTGTCCCTGGAAAGAGTCCACAAGGAAGAAGTCTGGTCCATTTG
GCTCACGCCGCAGCAGCGCCATTGGCATCGAGAACATCCAGGAGGTGCAGGAGAAGAGGGAGAGCCCTCC
AGCTGGCCAGAAGACCCAGACAGCGGGCATGTCTCTCAGGAGCCCAAGTCGGAGAACTCATCTACTCAG
AGCTCCCCAGAGATGCCACGACCAAGAACAGAGTGGAGTCCGGCTGCCAGAGAACGGAAGTGTGCAAG
GCTTTTCCAGATCCTCCTCCAGTGCCAGCAGCTTACCAGCGTGGTGGAGGAGACGGAGGGCGTGGATGG
AGATGATACAGGCATGGAGAGCGTGTGTCCTCAGGAACGCCCATAAAGCGGACTCCTTCTCTACAGC
ACATGGCTGGACGACAGCGTGAGCACCAGAGCGGGGGCAGCTCCCCAGGCCTCACACGGTCACCCACC
CAGACGCCGTCAAGTCGGGGGACCCTGCGTGTCCCGAGATCAAGATCCAAGTGAAGACATCTGAGCAGCA
CACACCCAGATGGGCTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001100713

Insert Size:

2262 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001100713.1, NP_001094183.1</u>
RefSeq Size:	3328 bp
RefSeq ORF:	2262 bp
Locus ID:	313644
Cytogenetics:	5q36