

Product datasheet for RN203048

Rap1gap2 (NM_001107019) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rap1gap2 (NM_001107019) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rap1gap2
Synonyms:	Garnl4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203048 representing NM_001107019 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTGTGCCTATGATGAGCATGATGTCAACAACACTTTCAAGTTTGGGGTTATTTATCAGAAAGCCA
GGCAGACCCTGGAAGAGGAGCTATTTGGGAACAATGAGGAGAGCCAGCTTTCAAGGAGTTTTGGATCT
CTTGGGGACACCATCACACTGCAGGATTTCAAAGTTTTCCGAGGAGGCCTGGATGTGACCCATGGACAG
ACAGGGGTGGAGTCGGTGTACCACTTTCCGGGACCGGAGATCATGTTCCATGTCTCTACCAAGCTGC
CCTTCACGGATGGTGACACCCAGCAGAGAAAGCGACATATTGGGAATGACATCGTGGCCATCATCTTTCA
AGAAGAAAACACTCCATTTGTCCAGATATGATCGCATCAAATCTTACATGCCTACATTGTCGTCCAG
GCTGAAAGCACAGGCACGGAGACCCATCTACAAGGTATCAGTCACTGCGAGGGGAAGATGTGCCTGCCT
TTGGCCCCCTCTGCCAAGCCCGCTGTTTTCCAGAAGGGCACAGAATTCGGGGAGTTTTCTGCTCACAA
GCTCACGAATGCAGAGAAATGCTTGCTGCAAGTCGGACAAGTTTGCCAAGCTGGAGGACCGGACCCGGCT
GCTCTCTGGACAACCTTCACGATGAGCTCCACACATACTCAGGTCATGCTAGGCATGGGCCAGAGG
AGGACAAGTTTGAGAACGGGGCCATGGAGGATTCCTGGAGTCTTTAAGAGAGCCATCCGAGTGCCGAG
CCATTCATGGAGACCATGGTGGCAGCCAGAGGAAGTCATGGTGGGAACATTCCTGGCAGCCTCAGT
GGAGGTATTGTCCACAACAGCATGGAGGTCACCAAGACCCTTCGCCTCCAGTGGCCGACGAACCG
TGAAAGAACAGTCACGGAGCCCATCAAGCGCGGTCCGGACTCTCCCCCGCCTGCACTCAGGCTCTGA
AGGCCAGGGGACAGCCGGACACGATGTGACAGTGCCTCCAGCACCCCCAAAACCCAGATGGCGGACAC
TCTTCTCAGGAGATAAAGTCGGAGACCTCGTCAAATCCCAGCTCTCCAGAAATCTGTCCAAACAAAGAGA
AAGCAGCCAGCCGTCACAACTCGCCCTCAAGCAGGAGGTGTTGTCTACAGCCCGTCCCCAGCAGC
GAGAGCCCCAGCCTGGGGCCGCTGCCACGCCATCATCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107019
Insert Size:	1233 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_001107019.1, NP_001100489.1</u>
RefSeq Size:	3803 bp
RefSeq ORF:	1233 bp
Locus ID:	303298
Cytogenetics:	10q24