

Product datasheet for MC217788

Rap2ip (BC046319) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rap2ip (BC046319) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rap2ip
Synonyms: Rap2ip; RPIP-8; Rpip8
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC046319
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGCGAGCTTTGTCCAGACCACCATGGCTCTGGGGCTGCCCTCAAGAAAGCATCTTCCCACAACG
TGATCGTGGAGCGCAGGAACCTGATCACCGTGTGACAGTTCTCTGTGAAAACCTGCTAGAGAAGTACAC
AGCAGAACCATTGATGACTCTCCGAGGAGTTTGTAAATTCGCAGCCATTTTAGAGCAGATCCTCAGC
CACCGATTTAAAGCTTGTGCCCCAGCAGGGCCAGCGAGCTGGTTCAGCTCAGATGGACAACGGGGCTTCT
GGGACTACATCCGGCTGGCTGCAGCAAAGTGCCCAACAACCTGTGTGAGCAGCATTGAGAACATGGAGAA
CATCAGCACAGCTAGAGCCAAGGGCCGGGCGTGGATCCGGGTGGCCCTGATGGAGAAGCGTATGTCGGAA
TACATCACACAGCTCTTCGGGACAACCGAACTACCAGACGGTTCATGACTCCGGAGCCATCATGCTGC
GGGAGGAAGCCACTGTCTCACTGGGATGCTGATCGGGCTCAGCGCCATCGACTTCAGCTTCTGTCTAAA
GGGCGAAGTTCTGGATGGGAAGACACCGGTGGTTCATCGATTACACACCCTACCTAAAATTCACCCAAAGC
TACGACTACCTGACGGATGAGGAGGAGAGGCACAGTGCCGAGAGCAGCACCAGCGAGGACAACCTACCAG
AGCACCCCTACCTGCCTCTCGTACCGATGAAGACAGTTGGTACAACAAGTGGCACAAGATGGAACAGAA
GTTTCGATTGTCTACGCACAGAAGGGATACCTGGAGGAGCTGGTGCAGCTGCGCGAGTCGCAGCTGAAG
GACTTGGAGGCGGAGAACC GGCGCTGCAGCTGCAGCTGGAGGAGGCCGCGGCACAAAATCAGCGTGAGA
AGCGGGAGCTGGAAGCGTGATCCTGGAGCTGCAGGAGCAGCTGCCTGATCCCCCTCCCCCTCCCAGGAC
AGGTCTGATCCCCGGTGACCATGCCCCCTGGCCAGGGTTCCAAGGAGCTCACCACATCCCTAGTCAAC
CAGTGGCCCTCCCTGAGCACACTTCATAGGCCGAGGGTGCCAGCAACTCCAAGCTATATCGGAGACACA
GCTTCATGAGCACGGAGCCGCTGTCTGCAGAGGCCAGCCTGAGCTCAGACTCCCAGCGCCTGGGAGAGGC
CAAGAGGGACGAGGAACCCTGGGGCCCCATCGGAAGCTCAGAACCAAATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	BC046319
Insert Size:	1242 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:	BC046319 , AAH46319
RefSeq Size:	1855 bp
RefSeq ORF:	1241 bp
Locus ID:	51799
Cytogenetics:	11 D
Gene Summary:	May act as an effector of RAP2A in neuronal cells.[UniProtKB/Swiss-Prot Function]