

Product datasheet for **MC218446**

Brap (BC038490) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brap (BC038490) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Brap
Synonyms:	3010002G07Rik; BRAP2; IMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC038490 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTGCAATGGCCGCGAGTCAACTCAATCGAAGATGACGTCTGCCAGCTGGTCTATGTGGAAGGG
CTGAAGTCTGAAATCTGAAGATGGCGCCAGCCTCCCCGTGATGGACCTGACGGAGCTGCCCAAGTGCAC
TGTGTGTCTGGAGCGGATGGACGAGTCTGTGAATGGCATCCTCACCACCCTCTGCAACCACAGTCCAT
AGTCAGTGTCTGCAGCGGTGGGATGACACCACGTGTCTGTGTGCCGATACTGTCAAACGCCAGAGCCAG
TGAAGAAAACAATGTTTTGAGTGTGGTGTCCAGGAAAACCTCTGGATTTGTTAATATGCGGCCACAT
AGGCTGTGGGCGGTACGTGAGTCGGCATGCTTACAAGCACTTTGAGGAGACCCAGCACACATACGCCATG
CAGCTCACCAACCATCGAGTCTGGGACTATGCTGGAGATAAATTATGTCCATCGACTGGTTGCAAGCAAGA
CGGATGGAAGATCGTTCACTACGAGTGTGAGGGCGACACCTGCCAGGAAGAGAAGATAGATGCCTTACA
GTTAGAGTACTCGTACCTGTTGACAAGCCAGCTGGAATCGCAGCGGATATACTGGGAGAACAAAATCGTG
CGCATAGAGAAGGACACGGCAGAGGAGATTAACAACATGAAGACCAAGTTAAAGAGACCATCGAGAAGT
GTGACAGCCTGGAGCTCAGGCTCAGTGACCTCCTGAAGGAGAAGCAGTCTGTGGAAGGAAGTGTACCCA
GCTGAACACCAGAGTGGCCAAGCTCAGCACGGAGCTGCAGGAGGAGCAGGAGCTGAACAAGTGTCTGCC
GCCAACAGCTGGTGTCTGAGAACCAGCTCAAGGAGGAGGAGAAGCTGCTGAAGGAGACCTGTGCCAGA
AAGACCTGCAGATCACCGAGATCCAGGAGCAGCTGCGCGATGTCATGTTCTACCTGGAGACACAGCAGCA
GATCAGCCACCTGCCTGCGGAGACGAGGACAGGATCCAGGAAGGCCAGATCAACATCGCCATGGCCTCA
GCGCCCAACCCACCTCTCCGGGGCCGGTGGGAAGCTGCAGTCCAGAAAGGGCCGAGCAAGAGGGGCA
AGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	BC038490
Insert Size:	1125 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC038490 , AAH38490
RefSeq Size:	3135 bp
RefSeq ORF:	1124 bp
Locus ID:	72399
Cytogenetics:	5 F
Gene Summary:	Negatively regulates MAP kinase activation by limiting the formation of Raf/MEK complexes probably by inactivation of the KSR1 scaffold protein. Also acts as a Ras responsive E3 ubiquitin ligase that, on activation of Ras, is modified by auto-polyubiquitination resulting in the release of inhibition of Raf/MEK complex formation. May also act as a cytoplasmic retention protein with a role in regulating nuclear transport (By similarity).[UniProtKB/Swiss-Prot Function]