

Product datasheet for **MG205796**

Brap (BC038490) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brap (BC038490) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Brap
Synonyms:	3010002G07Rik; BRAP2; IMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205796 representing BC038490 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTGCAATGGCCGCCAGTTCAACTCAATCGAAGATGACGTCTGCCAGCTGGTCTATGTGAAAGGG
CTGAAGTGCTGAAATCTGAAGATGGCGCCAGCCTCCCCGTGATGGACCTGACGGAGCTGCCCAAGTGCAC
TGTGTGTCTGGAGCGGATGGACGAGTCTGTGAATGGCATCCTCACCACCCTCTGCAACCACAGCTCCAT
AGTCAGTGTCTGCAGCGGTGGGATGACACCACGTGTCTGTGTGCCGATACTGTCAAACGCCAGAGCCAG
TGGAAAGAAAACAATGTTTTGAGTGTGGTGTCCAGGAAAACCTCTGGATTTGTTAATATGCGGCCACAT
AGGCTGTGGGCGGTACGTGAGTCGGCATGCTTACAAGCACTTTGAGGAGACCCAGCACACATACGCCATG
CAGCTCACCAACCATCGAGTCTGGGACTATGCTGGAGATAATTATGTCCATCGACTGGTTGCAAGCAAGA
CGGATGGAAGATCGTTACGTACGAGTGTGAGGGCGACACCTGCCAGGAAGAGAAGATAGATGCCTTACA
GTTAGAGTACTCGTACCTGTTGACAAGCCAGCTGGAATCGCAGCGGATATACTGGGAGAACAAAATCGTG
CGCATAGAGAAGGACACGGCAGAGGAGATTAACAACATGAAGACCAAGTTAAAGAGACCATCGAGAAGT
GTGACAGCCTGGAGCTCAGGCTCAGTGACCTCCTGAAGGAGAAGCAGTCTGTGGAAGGAAGTGTACCCA
GCTGAACACCAGAGTGGCCAAGCTCAGCACGGAGCTGCAGGAGGAGCAGGAGCTGAACAAGTGTCTGCCG
GCCAACCCAGCTGGTGTCTGAGAACCAGCTCAAGGAGGAGGAGAAGCTGCTGAAGGAGACCTGTGCCAGA
AAGACCTGCAGATCACCGAGATCCAGGAGCAGCTGCGCGATGTCATGTTCTACCTGGAGACACAGCAGCA
GATCAGCCACCTGCCTGCGGAGACGAGGACAGGATCCAGGAAGGCCAGATCAACATCGCCATGGCCTCA
GCGCCCAACCCACCTCTCCGGGGCCGGTGGGAAGCTGCAGTCCAGAAAGGGCCGACGAAAGGGGCA
AG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [BC038490.1](#)

RefSeq Size: 3135 bp

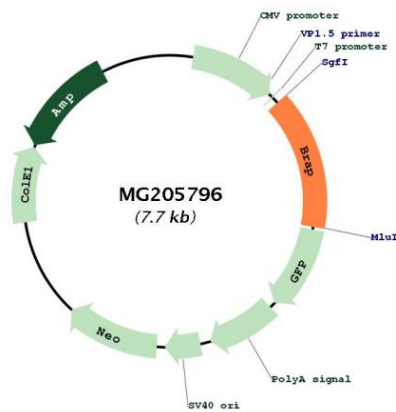
RefSeq ORF: 1124 bp

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]

Product images:



Circular map for MG205796