

Product datasheet for **MC221776**

Rabgap1 (NM_001033960) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabgap1 (NM_001033960) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rabgap1
Synonyms:	Gapcena; mKIAA4104
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221776 representing NM_001033960
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGACAAGCCTCTGTTGGAAAAATCAGTGTCTCATCAGACTCAGTGTCTACTCTTAATAGTGAAG
 ATTTTGTCTTGGTTCCAGGCAAGGAGATGAGACACCATCTACAAATAATGGGAGTGATGATGAGAAGAC
 GGGACTCAAGATTGTAGGAAATGGAAGTGAGCAGCAGCTTCAGAAAAGAGCTAGCAGATGTCTGATGGAT
 CCTCCCATGGACGACCAGCCAGGGGAAAGGTCACAACCTGGATGGTGAAGGAGATGGGCCTCTTTCTAATC
 AACTCTCAGTTCATCCACCATTAATCCTGTGCCTCTGGTAGGGCTTCGAAAACCAGAGATGAGCCTGCC
 AGTGAACCTGGACAAGGAGATTCTGAAGTATCAAGTCTTTTACACCAGTGGCTGATGAGGATAGTGTG
 GTTTTCAATAAATAACTTACTTAGGCTGTGCTCAGTAAATGCTCCCCGGAGTGAAGTGAAGCCTTGA
 GGATGATGTCCATCTTGAGAAGTCAGTGCAGATTTCTCTGGATGTAACCCTCTCAGTCCGAATGTATC
 TGAAGGAAGTGTGAGACTTTTAGATCCTCAAACAACACTGAAATAGCAAACCTACCTATCTACAAAATC
 CTCTTCTGTGTCAGAGGACATGATGGGACTCCTGAGAGTACTGTTTTGCATTCAGTGAAGTCACTACA
 ACGCAGAGCTCTTCAGGATACATGTCTTTCGCTGTGAAATACAAGAAGCTGTGAGCCGGATACTTTACAG
 TTTTGCCACCGCCTTCGCCGCTCTGCCAAGCAGACCCACTCTCAGCCACAGCTGCACCACAGACTCCT
 GACAGCGACATCTTTACCTTCTGTGTCTTTAGAAAATAAAGAAGATGATGGTAAAGGTTATTTTAGTG
 CTGTTCCCAAAGACAAGGACAGGCAATGCTTTAAACTTCGACAAGGAATTGATAAGAAGATTGTTATCTG
 TGTGCAGCAAACAGCTAACAAAGAACTTGCATTGAAAGGTGCTTTGGTCTTCTCCTTAGCCAGGAAAA
 GATGTCCGAAACAGTGATATGCACTTGTGGATTTGGAGTCTATGGGCAAAAGTTCAGATGGAAAATCAT
 ATGTTATTACTGGAAGCTGGAACCCGAAATCCCAACATTTTCAAGTTGTGAATGAAGAACTCCTAAAGA
 TAAAGTGCTGTTTATGACAACAGCTGTGGATTTGGTGATAACTGAAGTACAGGAACCTGTTTCGATTTCTT
 CTAGAGACAAAAGTTCGAGTGTGCTCACCTAATGAAAGGTTATTCTGGCCCTTCAGCAAACGAAGCACTA
 CTGAAAACCTTCTTCTGAAACTGAAGCAGATAAAGCAAAAGGAGAAAAAGAATAATGCTGACACTTTATA
 TGAAGTTGTGTTTTGGAGAGTGAGTCAGAGAGAGAGAGGAGGAAAAACCAGCCAGTCTTCAGTTCGC
 CTGCCACAGTCTGGATCCAGAGCTCCATGATCCCCTCTCCCCAGAAGATGATGAAGAAGAAGATAATG
 ATGAACCTCTCTGAGTGGATTTGGGGATGTATCCAAGAATGTGCAGAAAAAATCTTGAACATGGGG
 AGAACTGTGTCAAATGGCATCTCAACTTGAAGTGTGAGACCGAAGCAGTTGTCATCCTTAGTGAGAAGT
 GGTGTTCTGAAGCTCTCGTGGAGAAGTCTGGCAGCTGCTAGCAGGCTGCCACAACAACGATCACTTAG
 TAGAAAAGTACCGAATTCATCACAAAGGAGTCTCCTCAAGACAGTGTATCACCAGAGATATAACCG
 CACATTTCCAGCTCATGACTACTCAAGGACACAGGAGGAGATGGACAAGATTCTTTATATAAAAATATGC
 AAGGCATATTCTGTGATGATGAAGAGATTGGTTACTGCCAGGGCCAGTCTTCTCGCAGCTGTACTGC
 TTCTCCACATGCCGAAGAACAGGCATTGAGTGTCTGGTCAAGATCATGTTTACTATGGTCTCAGGGA
 ACTTTTCAAACAAAATTTGAAGATCTTCATTGCAAGTTCTACCAGTTGGAGCGCCTTATGCAGGAATAC
 ATTCTGACCTGTACAACCACTTCTGGATATCAGCCTTGAAGCACACATGTACGCCTCCAGTGGTTCC
 TTACACTTTTCACTGCAAAATCCCTCTACATGGTCTTCCATATCATCGACCTGCTCTTATGTGAGGG
 AATAAGTGTATCTTTAATGTGCGCCCTGGATTACTAAAGACTTCAAGGATGACTTGCTGTTGACAGAC
 TTTGAGGGTGCCTTGAAGTCTTCAGGGTTCAGTCCCTAAAAGATACCGCTCAGAAGAAAATGCAAAGA
 GGCTCATGGAGCTTGCCTGTAACACAAAGGTACAGCAACGTTTGCTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033960
Insert Size: 2430 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:	NM_001033960.1 , NP_001029132.1
RefSeq Size:	4238 bp
RefSeq ORF:	2430 bp
Locus ID:	227800
UniProt ID:	A2AWA9
Cytogenetics:	2 B
Gene Summary:	May act as a GTPase-activating protein of RAB6A. May play a role in microtubule nucleation by centrosome. May participate in a RAB6A-mediated pathway involved in the metaphase-anaphase transition (By similarity).[UniProtKB/Swiss-Prot Function]