

Product datasheet for **MC228443**

Rapgef6 (NM_001252497) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rapgef6 (NM_001252497) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rapgef6
Synonyms:	A530068K01; AI844632; BB085664; C030018K18Rik; mKIAA4052; PDZ-GEF2; Pdzgef2; RA-GEF-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228443 representing NM_001252497
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTTTCTTGTTTCGATGTTACGCCAATTGTCTTCAGCCATGGGCCTCCAACTTCCAGCTGATCTTA
 CCAAGATGCACCTCACAGACAACCCTCATCCACAGGTGACGCATGTGTCTTCTAGTCAGTCTGGCTGTAG
 CATTGCCAGTGACTCTGGGAGCAGCAGTTTATCCGATATCTATCAGGCTACAGAGAGTGAAGTAGGAGAT
 GTAGATTTAACACGCCTTCCAGAAGGACCTGTTGATTCTGAGGATGAAGAGGAGGAGGAAGAAGAGATTG
 ATAGAACAGATCCACTGCAGGTCGAGATCTTGTTCGGGAGTGTCTTGAAAAGGAACCCGACAGACAAAAC
 TGATGATGATGTTGAACAGTTACTTGAGTTCATGCACCAGCTGCCTGCCTTTCGCAACATGACCATGTCT
 GTAAGGAGAGAAGCTCTGCTCCGTCATGGTTTTTGAAGTAGTAGAGCAGGCTGGGGCTGTTATTCTTGAAG
 ATGGGCAAGAGCTTGACTCATGGTATGTCATTTTAAATGGCACTGTAGAAATTAGTCATCCAGATGGGAA
 AATAGAAAATCTCTTCATGGGAAATAGTTTTGGGATTGTCCACAGCTGGATAAGCAGCACATGCATGGA
 GCTGTCAGGACCAAAGTCGATGATTGTCAGTTTGTCTGCATAGCTCAACAAGACTATTGGAGAATTTTAA
 ATCATGTGGAAAAAATACTCACAAAGTTGAGGAAAGGGAGAGATTGTCATGGTACATGAGCACCGTGA
 GCTAGACCGGAGCGGAACCAGGAAAGGACACATTTGTAATCAAGGCAACACCTGAGCGTCTCATATGCAT
 TTGATAGAAGAACATTCTATTGTGGACCAACATACATAGAAGATTTCTCTTAACTTACAGGACATTTCT
 TTGAAACTCCTTTGGATGTTGGGATCAAGCTTTTGGAAATGGTTTAAAGATTGACAACCTAAGGGATAAGGT
 GACACGGATTGACTCTTATGGGTAAATAATCATTTTAAATGATTTTGAAGGTGATCCTGCTATGACTCAA
 TTTCTAGAAGAATTTGAAAGAAAATTTGGAAGATACAAAATGAATGGTCACCTCAGGTTATTGAATATTG
 CCTGTGCTGCAAAGGCTAAGTGGAGGCAAGTTGTACTGCAGAAGGCGTCCCGTGAGTCCCGCTGCACTT
 CTGCCTTACTGGGGCAGTGAGAAGGGATTTGGAGTCTTTGTTGAAGAAGTGAATCTGGTAGCAAAGCT
 GCTGACGCAGGACTGAAAAGGGGTGATCAGGTAATGGAAGTCAATGGACAAAACCTTGGAGAATTTACAC
 TTGCTAAAGCCCTTGAATTTTGGAAAATAACTCATCTTGCACCTACTGTGAAGACCAACATTTTGT
 GTTCAAAGAATTGCTCAGTAGGACTGAACAAGAGAAATCTGGTGTCTCATATTTCCAAAATTTGCTGAA
 AAAAAAAGTAATCGCCATTCAATTCAAGATGTCCAGGGGATATGGAGCAGGCACCACAGGAGAAAGGAA
 ATAAGAAAATTAAGCAAATACCGTTTCAGGTGGAAGAAACAAAATCAGGAAAATTTGGATAAAACACG
 ATTTAGTATCTTGCTCCAAAATATTTAGTGACGGAGGCTGAGTCAATCACAAGATGACAGCATTGTG
 GGAACCAGGCACTGTAGGCACAGCCTGGCTATAATGCCAATTCGGGAACACTTTTCATCCAGCAGCCAG
 ATCTCTTACAGCCTACCCTAGCATGTTGGACTTTTCCAATCCTTCAGGTAATGTTCCCATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001252497
- Insert Size:** 1815 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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_001252497.1](#), [NP_001239426.1](#)

RefSeq Size: 2827 bp

RefSeq ORF: 1815 bp

Locus ID: 192786

Cytogenetics: 11 B1.3