

Product datasheet for **MC227673**

Rapgef6 (NM_001252498) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rapgef6 (NM_001252498) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rapgef6
Synonyms:	A530068K01; AI844632; BB085664; C030018K18Rik; mKIAA4052; PDZ-GEF2; Pdzgef2; RA-GEF-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC227673 representing NM_001252498
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTTTCTTGTTTCGATGTTACGCCAATTGTCTTCAGCCATGGGCCTCCAAACTTCCAGCTGATCTTA
 CCAAGATGCACCTCACAGACAACCCTCATCCACAGGTGACGCATGTGTCTTCTAGTCAGTCTGGCTGTAG
 CATTGCCAGTGACTCTGGGAGCAGCAGTTTATCCGATATCTATCAGGCTACAGAGAGTGAAGTAGGAGAT
 GTAGATTTAACACGCCTTCCAGAAGGACCTGTTGATTCTGAGGATGAAGAGGAGGAGGAAGAAGAGATTG
 ATAGAACAGATCCACTGCAGGTCGAGATCTTGTTCGGGAGTGTCTTGAAAAGGAACCCGACAGACAAAAC
 TGATGATGATGTTGAACAGTTACTTGAGTTCATGCACCAGCTGCCTGCCTTTCGCAACATGACCATGTCT
 GTAAGGAGAGAACTCTGCTCCGTCATGGTTTTTGAAGTAGTAGCAGGCTGGGGCTGTTATTCTTGAAG
 ATGGGCAAGAGCTTGACTCATGGTATGTCATTTTAAATGGCACTGTAGAAATTAGTCATCCAGATGGGAA
 AATAGAAAATCTCTTCATGGGAAATAGTTTTGGGATTGTCCACGCTGGATAAGCAGCACATGCATGGA
 GCTGTCCAGGACAAAGTCGATGATTGTCAGTTTGTCTGCATAGCTCAACAAGACTATTGGAGAATTTTAA
 ATCATGTGGAAAAAATACTCACAAAGTTGAGGAGAGGGAGAGATTGTCATGGTACATGAGCACCGTGA
 GCTAGACCGGAGCGGAACCAGGAAAGGACACATTGTAATCAAGGCAACACCTGAGCGTCTCATATGCAT
 TTGATAGAAGAACATTCTATTGTGGACCAACATACATAGAAGATTTCTCTTAACTTACAGGACATTTT
 TTGAAACTCCTTTGGATGTTGGGATCAAGCTTTTGAATGGTTTAAAGATTGACAACCTAAGGGATAAGGT
 GACACGGATTGTACTCTTATGGGTAAATAATCATTTTAAATGATTTTGAAGGTGATCCTGCTATGACTCAA
 TTTCTAGAAGAATTTGAAAGAAATTTGGAAGATACAAAATGAATGGTCACCTCAGGTTATTGAATATTG
 CCTGTGCTGCAAAGGCTAAGTGGAGGCAAGTTGTACTGCAGAAGGCGTCCCGTGAAGTCCCGCTGCACTT
 CTGCCTTACTGGGGCAGTGAGAAGGGATTTGGAGTCTTTGTTGAAGAAGTAGAATCTGGTAGCAAAGCT
 GCTGACGCAGGACTGAAAAGGGGTGATCAGGTAAGTAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001252498
- Insert Size:** 1302 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_001252498.1](#), [NP_001239427.1](#)

RefSeq Size: 4843 bp

RefSeq ORF: 1302 bp

Locus ID: 192786

Cytogenetics: 11 B1.3