

Product datasheet for **MC219874**

Rasef (NM_001017427) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rasef (NM_001017427) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rasef
Synonyms:	BC030882; RAB45
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219874 representing NM_001017427
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAAGAGGTGCTTCCAGTGTGGCTTTTCATCCATAGACTGCTATATACAGCTCTACGTGGCCTGC
 TTGGAGACAGACTGAAACGAGGCTTGAAGAAAGAACAAGTTAGTACCCTGTACCAGAACATCACCTTGT
 GGAGCCAAGGCTACTCCAACCGTATGAACGTGTGATAAGGAACTTCTCCGTGAGATCAAACCTCCAGAGC
 ACAGAGATGAAAACTGGCCATTGCACTGAAGAGAGCCAGGACAAGGCGGCCATTAGCTAAGTGAAGC
 TGGAGAGGAAATGGATCAGAGGATTCAAGCTGTGAAAAATGAGTCCCGAAAGATGAAAAGCGCAAAGC
 TGAGGAGGCTCTCACTGACCTCAGGCGTCAGTATGAAACAGAAGTAGGAGACTTACAAGTGACCATTAA
 AGGTTAAAAAGCTTGAAGAGCAATCAAGACAAAATAAGTCAAAGCAAGATGTGACGGCATTGAAGAAGC
 AAATCCATGATTTAACAATGAAAAATCAAAAACCAAGAAAGAACTTTTGAAGCACAGACAAAACGTAGC
 CTTCTTCAGAGCGAACTAGATGCTTTGAAAAGTATTGCTGACCAGAGTCTGAATTCGAACGGGAT
 CTGAAAAATAATCCGAGAATACACAGAAGATCGAAGCAGTCTTGAGAGGCAAATGAAATCCTCCAAACAG
 CTAACCGGAAGCTGCATGACAGTAATGATGGCCTCAGGAGTGCCTGGAACACTTACAGCAAGCTCAA
 CAGATCCTTGGTATAAATAACATATCTCCAGGGAATACAATTTCTAGAAGCAGTCCCAAATTTAATCAT
 CATTCTCTCAGCCACTGGCCTATGACAGGTCAATCCATTCTTCATATGCAGATGAGGATTGTGACTCTT
 TGGCTCTCTGTGACCCTCTGCAGAAGATGAATTAAGAGTTGACAGCCTGCCTGAAAGCTGTTTTGACAG
 CGGTCTGTCTACTCTGAGAGACAATGAGTGTGACTCCGAGGTGGACTACAAGCATCAGGGAGAATTTAG
 ACTTTGCACAGAACAGAGAGAGCCTTGGGGCGATGCATCAGACACAGATGTTCCAGATAAAGGGATG
 AAGAAGCGTTTGATTCTGAAAGTGTGGCCTCTGTCTTACTGGCAGCCCGAGGCTCTGCTGGTGAAGG
 CAGCACTCTTAGTTCCTCCAGAAAGCCATCTCAGCTCTTCACTTCAGACAGACATGGTGGATAACACC
 TCCAAGGTCACATCTCAGAAGGCTTACAAGATTGTGCTGGCTGGCGACGCCGAGTGGGAAAGTCCAGCT
 TCCTCATGCGTCTCTGCAAGAATGAGTTTCAGGGGAACACAAGCGCAACTCTAGGAGTTGATTTCCAAAT
 GAAAACCTGATTGTGGATGGTGAACAAACAGTTCTTCAGCTCTGGGATACAGCTGGGCAAGAGAGATTT
 AGGAGTATCGCCAAGTCTTACTCCGAAAAGCAGATGGTGTCTTACTGCTATACGATGTTACTTGTGAGA
 AAAGCTTTCTAACGTCGAGAATGGGTGGATATGGTTGAGGATGGAACCCACAGAACTATTCCTATCAT
 GTTAGTAGAAAACAGGCTGATCTTCGTGATGTTGATAATGCAGAGAATCAAAGTGTATATCAGCATAT
 CTTGGAGAAAACTGGCCATGACCTATGGGGCATTATTCTGTGAAACAAGTGCCAAGATGGCTCCAACG
 TGGTGGAAAGCTGTTCTCCATCTTGACGGGAAGTGAAGAAAAGGACAGAGGATGACGACAGCAGATCTAT
 CACCAGTCTGGCTGGGTCTACTTCTAAAAAGTCACTGCAGATGAAGAAGTGTGCAATGGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001017427

Insert Size: 1884 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:

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_001017427.1](#), [NP_001017427.1](#)

RefSeq Size: 5183 bp

RefSeq ORF: 1884 bp

Locus ID: 242505

UniProt ID: [Q5RI75](#)

Cytogenetics: 4 C3

Gene Summary: Binds predominantly GDP, and also GTP.[UniProtKB/Swiss-Prot Function]