

Product datasheet for **MC221139**

Rab44 (NM_001002786) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Rab44
Synonyms:	9830134C10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC221139 representing NM_001002786
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCCTCAGTGCTCACATGCAGGAGGCCCTGGAGGCCAAGGAGCAAGAGGTTTCAGCGGCTAGCAGAGG
GCCAGAGAGAGCTGGAGGCTCAGCTCCTCCACCTCAGCAGCACACAGCAAGAGGCCAACCGGAGAACCT
GCAGCTCAGGGAGGCTGAGCGGGACCTAGCAGGCGAGCTAGAAGAGGTGCGGGGACAGCTGCAGGTGACA
AGAGGACACTTGGATACTGCCAGGACTAGGGGCAAGTGTCTGGCAGATAGAGGAAGAGCCAAAGTGTCC
CCAGGGCAAATAAAGAGGCTCCAGACCCTCAGGCTGTCCCCACAGAGGAGGCCCACTGCCTGAGCTGTT
TGGGAATAATGACAACTGGGACCAAGTTCCTCAGCAGCATTGAAGCCATTCCCACAGAACCTGCGGCTT
TGCTGGAGCCACCCCCAAGCCGAGTAGCACCTCTGCCCCCAGACTCCCCGATTGTTAGACAGATCT
CCATTTCCAAGATATCTGCTCTGCAGTTTTCTCAGGAGCCAGCCTCAGATCCAGACCCGGGTCCAAGAGG
CTCCCCGAGGTGCCTCCTGGTGGTGCAGAAAGATGGAAGGGGTGGAGGACCCCAAGGACAGGATGAA
CAGGATGTACAGCTCTAAGCAGCCTGTGGACTCCCCTGACTCAGATGCCAGACCAAGGGCTCTTTCTCT
GGAGCCTGCCAGGAGCCCTGACCGCGGAGTCTGGGACTGTTGAAGCAGCTTTCAGAGATCAGCTTGCTTT
TGAGGCTGAGCCCCCTCCTCAGGGGCTCTCTCTCTCTCCTCAGTCCCCAGCCGGGTCCAGAAAACAGACC
CAGACTCCAGATCTGGGTGACAAGACCTTTGGTCTGGACCCGATCCAGCCAAACAGTCCTTAGAAAGAG
AGGTGATGGCGGAGGACCTGAAGCTGGGTTTAGGGTCTCAGGGAGCCACAGCTCTCCCTGAGGGAGCCAC
AGAGCCTTCTCTGAGCCTGGAGTCTGTGGACCAAGTAGGCCAGAGAGACCAGTGCAGGATGCAACACAT
CTGGCTAGGCAGGAGAGCCATGCTAAGGGATTCCAAGAAGCCCTGGCCAAGTCCTTAGTCTGGATAGCC
TGCTTACCCACCTCCCCAGAGTCTAGAGGAGCAGCTAAGGCCGAGGAAGGAACTTAGGAGAAAGAGG
TCAGCAGGACCCCGGATCAGAAAGCAGTGAGTCTCATGGCTGGAAGCTAGGAGCATGGAATCACCCAG
CAAGATGACCCCTGCCTAACACATCACAGCCTCCTGCTGAGACGGAAGTCCCTGCTCCTGGCCAGATGT
CTCCTCCGAGGGGCTCTCCATCTTGGGGGCTGGGGCTGGGCTTGCAGTGGGAACCCAGAGACCACACA
CACTCTCCTTACCCTGGCTGAGTCAGAAGCCAGCCTGGGCCGTGTCCATGCCTGTTTCAGGTGGAGAGC
AAGTCAGGTGCCCCCTCAGCCACAGAGCCAGAGGCAGAAAGCAGGCCGAGGACCCCAAGAACAGACTTAC
AGGAGGCTGAACGGAGTTCTTCCCCTGGGGACCTCACTGCTGGCAAGCCTCAAGCTGACCCTGACTACCT
CTACCATGTCGTCTTCTGGGGGACTCCAATGTGGGCAAGACATCATTCTACACCTGCTACATCATGAC
GCTTTTGCTACTGGGCTGACGGCCACTGTAGGGGTGGATTTTCGTGTCAAAAACCTGCTGGTAGACAACA
AAACCTTCGCCCTGCAACTGTGGGACACAGCTGGACAAGAGAGGTACCAGACCTCACACGACAGCTGCT
TCGCAAGGCAGAGGGGGTGGTGTCTATGTATGACGTACCTCCCAAGAGAGCTTACCCACGTGCGTTAC
TGGCTCGACTGTCTGCAGGATGCAGGTGTAGAGGGGTGGCCATGGTCTGCTGGGAAACAAGATGGACT
GTGAGGAGGAGAGGCAGGTACCCACTGAAGCTGGCAGAAGGCTCGCCAGGAGCTGGGGGTGTCTTCGG
TGAGTGCAGCGCGGCCCTGGGTCAACAATCCTGGAGCCGATGATGAACCTGGCTCGGTCACTTAAGATG
CAAGAAGACCCCTGAAAGCCTCATTGGCAGAAGTGACACCCACAATCAACCAAGAGAGCTGGCTGCT
GCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001002786

Insert Size:

2178 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001002786.2</u> , <u>NP_001002786.1</u>
RefSeq Size:	4105 bp
RefSeq ORF:	2178 bp
Locus ID:	442827
UniProt ID:	<u>Q8CB87</u>
Cytogenetics:	17 A3.3