

## Product datasheet for **MC220752**

### Reps1 (BC087547) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Reps1 (BC087547) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Reps1
Synonyms:	BB161292
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC087547  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGCTTTGTGGTGAACAAGACTTGGTTATTTTGAAGAAGTCAGTTCTACATTGCTTTGAAGCTTG  
 TAGCTGTTGCCAGTCTGGTTTTCCATTAAAGAGTGGAAAGTATAAACACTGTAAAGGATCTCCCTCTCCC  
 ACGATTTGTTGCTTCAAAGAATGAACAGGAATCTCGCCTTGCAGCCTCCTATTCTTCAGATTCTGAAAA  
 CAGGGCTCTTACTCGGGTGTGATCCCCCTCTCCCGCAGAGGCCAAGTCAAGAAGGGGCTGGAAGCC  
 ATGACGCGGTTACGCTCGTCCGTCTGCAGAGCAGCAGGAACCTGTGTCTCCAGTAGTTTACCCCCAGCA  
 GTCCCCACCAACTTCTCCCCACACATGGAGGAAGCACAGCCGCCATCCAGTGGGGGAATAGTGAGAGA  
 CCTTTACAGGACCGGGCCATTCTGGTCTCTTTTGGTATGCACAAGCAGGCTCCTCTGCTGGTGTG  
 CGGTGTGGTCTGGACAGTCCCCGCTCCACCTCAAGACAAGTGGGTCAGTTTTGCAGATACTCCACCAAC  
 CAGTGTCTTTTTAACATGCATCTCTGTTCTGTCCAGGACCAGACAGTACGGACTGTAGCCTCAGCA  
 GCAACTGCCAATGAGATCCGTAGGCAATCCAGTAGTTATGAGGATCCCTGGAAGATAACAGATGAGCAGA  
 GACAGTATTATGTAATCAGTTAAGACCATTACGCTGACCTAACCGGATTTATCCCAGGATCTGCAGC  
 TAAAGAGTTTTTTACAAAATCAAAACTTCTATTCTTGAAGTTTCTCATATCTGGGAAGTCTCAGACTTT  
 GATAAAGATGGCGCATTGACACTGGATGAGTTTTGTGCTGCTTTTCATCTGGTAGTTGCTAGAAAAAATG  
 GCTATGACCTACCAGAGAAAACCTCTGAAAGCCTGATGCCAAGCTGATAGACTTGAAGATTCCGCAGA  
 TGTGGGGGAGCAGCCAGGTGAGGTAGGTTACTCAGGCTCTCTGCAGAAGCACCTCCAAGCAAGTACC  
 TCGATGCCGTCCCTGAACCAGACATGCCAGAGCTGAATCAGAGCAGTGAAGGATACCGCTATTGTGCATC  
 CAGTCCCCATCCGCATGACTCCAAGCAAAATCCACATGCAGGAAATGGAGCTGAAGAGAAACAAGCAGCGA  
 TCACACTAATCCACCAGCCGTTGCTTGTGAAACCATCTGACCTTTTCAGAAGAAAATAAAAATCAATTCA  
 TCAGTAAAATTTCTTCTGGAAATACCGTAGTGGGTACAGTAGCTCAGACTCTTTCCCCTCTGACCCGG  
 AGCAGATTGGGAGCAGTGAACCTCGTCAAAGGTCTCATTAGGAACGTCACCTGATAAACTGCGCCACC  
 ACCTCCCCTCCCAGGCCACAGCCTTCTCATTCTAGATCATCATCTTTAGATATGAATCGGACCTTTGCA  
 GTTACCACAGGACAACAACAGGCTGGAGTTGTTGCCCATCTCTGCAGTGCCTCAAGACCTCAGCCCT  
 CACAGGCCACCCGGTCTTCTGTCCATCGCCAGTGGATGCAGATGGTCTAATAACTCACACTAGTACCTC  
 ACCTCAGCAGATACCAGAAACAACCAATTTTGCAGATTTAGCCAAATTTGAAGTATTGCTGCATCAAT  
 GTCTCCGAAGAACAAGACAGTGAAGCTGAGAAACATCCTGAGGTCTTGCCAGCTGAGAAAGCTTCTGACC  
 CCTCAAGCTCTTTCGGGCTGCCAAGCGGACAGTAAAGCTGAAGAAAAGACAGCTACTAATGTTCTCTGC  
 CAATGTGAGCAAAGGCACAACACCTCTGGCTCCACCACCAAAACCTGTTAGAAGAAGATTAAGTCAGAA  
 GATGAGTTACGGCCAGATGTGGATGAGCATACGCAGAAGACAGGCGTCTAGCTGCTGTTCTAACATCAC  
 AGCCTTCTATCCAGATCTGTGGGAAAGATAAAAAGGCTATCCAGGCATCCATTAGACGAAAATAAGGA  
 AACCAACACGGTCTGGCCAGGCTGAACAGTGAATTGCAACAGCAATTAAGGATGTTCTGGAGGAGAGA  
 ATCTCCCTGGAAGTTCAACTAGAGCAGTCCGACCGTTTTCTCACCTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** BC087547

**Insert Size:** 2151 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC087547</a></u> , <u><a href="#">AAH87547</a></u>
<b>RefSeq Size:</b>	2505 bp
<b>RefSeq ORF:</b>	2150 bp
<b>Locus ID:</b>	19707
<b>Cytogenetics:</b>	10 A3
<b>Gene Summary:</b>	May coordinate the cellular actions of activated EGF receptors and Ral-GTPases. [UniProtKB/Swiss-Prot Function]