

Product datasheet for **MC200044**

BC003331 (BC003331) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	BC003331
Synonyms:	MGC7150
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003331
 CTAGTTCATAGTCGCGATCTAGAAGTTGAATTGGCTGTCTATAATGGGAAGAACCTACATTGTAGAAGAG
 ACTGTTGGCCAGTATCTTTCAAGCATCAACCTCCAGGGAAAAACCTTTTGTCTGGTCTTTTGATAGGAC
 AGTGTCTCTTCAAAAAGGATTATGTGATTCTTGCCACTAGAACCACCCAAAGAGGAACAAAATGACAA
 AGTCAAACAGCCGAGAGCTAAGTTGGATAATTTGGATGAAGAATGGGCCACAGAATGCCAGCCAGGTG
 TCCAGAATGCTCCCTGGAGGACTTGTGGTCTTGGAAATTTATTATCACAACTTTAGAAGTACGAGATG
 ATTTTCAAAATGCCCTGCGCAGACTAATATTTCTATGGAAAAATCTATGAGTAGAAAAAGACTATGGGA
 TGTACAGAGGACGAGGTCTCAGAACGAGTGACACTTCACATTTGTTCTCTACAAAAAATATCTTGT
 CGAACTTACGATGTCCAAGATCCAAGAGTTTCAGCAAGACCCGAGATTGGAAGTATCAGAGTAGAGTGT
 CTGCCTCATGGCTGTCTCTAGACTGTACTGTTACGTTAACATTACATCCCACTGTCGGCTACTTCTGT
 CAGTTACACTCTGGAAAAAACAAGAGTGGACTTACACGCTGGGCCAAGCAAATAGAAAATGGTGTT
 TATCTGATTAATGGACAAGTTAAAGGCAACGATTGTGACTTATTAGAAGGACAGCTCCTGAATTCGGACC
 ACAGATCCACAGCCACAGTCCAATCTGCAGTGGTTCTGTAATCTTCGGGGAAATGTGAATGCAGAGC
 TTATATCCATAGCAACAGACCAAGGTTAAAGATGCTGTGCAGGCAGTGAAGAGAGATATTTGAACACA
 GTTGCTGATCGCTGTGAATACTCTTTGAGGACCTGCTTCTGAATGAAATTCAGAAAAAATATG
 AACTTCTCAGAGAGTTTTGTTCCCTTCTCGGATCTACTGTAATGTTATGTGACTATAAGTTTGGTGA
 TGAATCAGCTGAAGAAATCAGAGACCAATTTTCAGAGATGTTAGATCATGAGATTCAAATAGAAGACTTG
 GAAATTGCAGAGGAAGTAAACACAGCTTGATGACTTCCTCTGTGAATAGTGAGGCTTCACTGACCAACA
 CAAGTGAAGAACAACCAAGAACCAAAAAAACCATAGGAGTGAAATTCAGCAAAACATAGGTGTGAT
 CGCAGCACTAGCTGTTGAGTGTCTGCTGCGGCATCTCCTTCCATTACTTCAGTGATTAGAGCTCCCTG
 ATCATCCAGAAATCACGGATCAACAGCTACAGAAAATAACGACATCAATGTCCACCTGCACTGAAGCTAG
 CAAGCAGCTCTGCTACGTTAACATCTGTTAGATGTGTTTCTGACTTACATGAAACCACAGCTGCCTTGT
 TTAGCCCTGCTTTGATTATCTGGCCAGGTTTCCAAAAGTAACTGTGCATCTAAATGGAGTTGCATGTA
 ACAAATCACTATTATGTATTTTCAAGGGTCAAATGTGAGCTATTTAAGAGTTTAGTGCTTTCAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI



ACCN:	BC003331
Insert Size:	1278 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:	BC003331 , AAH03331
RefSeq Size:	1621 bp
RefSeq ORF:	1278 bp
Locus ID:	226499
Cytogenetics:	1 G1
Gene Summary:	May play a role in the trafficking of a subset of G-protein coupled receptors.[UniProtKB/Swiss-Prot Function]