

Product datasheet for **MC201441**

Zc3h15 (NM_026934) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h15 (NM_026934) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zc3h15
Synonyms:	1700006A17Rik; 1810012H02Rik; 2610312B22Rik; FM22; lerepo4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031845 sequence for NM_026934
 GCTCCCGCCGAGCTGCCGGACGCCCGACGGTAGCCATCTGCGTCGCAGTCGGCCCGGTGCCCCCGCCT
 CCGCGATGCCCCCAAGAAACAGGCTCAGGCCGGGGCAGCAAGAAGCGGAGCAGAAGAAGAAGGAGAA
 GATCATCGAGGACAAAACCTTTGGACTGAAGAATAAGAAAGGAGCAAAGCAACAGAAATTTATTAAGGCT
 GTCACATCAAGTGAATTTGGTCAACAGAATCCACGTCAGGTAGCGCAAAGTGAAGCTGAAAAGAAAT
 TGAAGAAAAGTACAAGAAGAAAGAACTACAAGAGCTAAATGAGTTGTTCAAACCTGTAGTTGCTGCACA
 AAAATAAGCAAAGGTGCAGATCCAAAATCTGTGGTGTGCGCATCTTCAAACAGGGACAGTGTACTAAA
 GGAGATAAATGTAAGTTCTCTCATGACCTCACTTTGGAGAGAAAATGTGAAAAACGAAGTGTACATTG
 ATGCAAGAGATGAAGAACTTAAAAAGATACTATGGATAATTGGGATGAGAAAAAGCTGGAGAAGTAGT
 AAACAAGAAGCACGGTGAGGCGGAAAAAGAAAAACAAAAACTCAATAGTGTGCAGACATTTTCTTGAA
 GCTATTGAAAATAACAAGTATGGCTGGTTTTGGGTGTGCTCTGGAGGTGGGGACAACCTGCATGTATCGCC
 ATGCACCTCCTCCTGGATTTGTGCTAAAGAAAGACAAAAAGAAAGAGAAGGAAGATGAAATCTCATT
 AGAAGATCTAATTGAAAGAGAGCGTTCTGCCCTAGGTCCAATGTTACCAAAATCACTCTAGAGTCTTTT
 CTCGCGTGAAGAAGAGGAAAAGACAAGAAAAGATTGATAAACTTGAACAAGATATGGAGAGCGGAAAG
 CTGACTTCAAAGCAGGAAAGCACTGGTATCAGTGGTCTGAGGTATTTGAATTCGTCGCCGAGCTGGT
 CAATGATGATGACGAGGAAGCAGACGATACCCGTTACATTCAAGGAACAGGTGGTATGAGTTGATGAT
 TCTATGGGTGTAATGACATAGATATAAGCCTGTACGTCCCAAGAGATGTAGAAGAGACAGGTATCACTG
 TGGCCAGTGTGAAAGATTGAGCACCTATGCGCCAGATAAAGACGAGAACAATTAAGTGAAGCTTCTGG
 GGGTCTGGCTGAAAATGGTGAAAGAAAGTATTTGGACGAGGACAGCGGAGGGGAGGACAGGAAAATGGA
 TCCATCGATGCTGTTCTGTTGATGAAAACCTGTTCACTGGCGAAGATCTGGATGAACTAGAAGAGGAAT
 TGAACACTCTTGACTTAGAAGAATGATGAGGATGAAAACCTAGGTGAGTCACTAGGATCAACATGAACTG
 AGATTGACTCATTAAATTTGGCCACCTAGAATCAGCAGGATGTTTCTTTCCCATGATGACCCCTGGAG
 GGATCTGTCTCCACAAAAGGAGTACTAGCCCTGCGTCTCTCTTCTGACCTTGACTACATCTCATAGT
 AAGTTTCAGAGTAGTTGGTGATAAATTAATAATGGTTCATTACAGAAGATGATTGTCGTTGTAACCTGCCAC
 TCATGTAGGAAGTGAACCGCTTTCCAGCTTTTGGTTTTATTGGGCATGTGTAATTTCCAGAAAACAAC
 AGATTCACACTTAAGACACTTGCCTTTGATGCAGTTTTTAATGAGTGGTGTCTTTTCTTTGATTTATA
 TGTTTTAGAGACTGCCTGAAAGGTGAGCACTGTACTTGATAAAGGAAACTGCATATGCAGATTCAGTATT
 GTACTTCTGTGGACAATTAGGTGGACACTGAGAATGGGACTTGTCAACCTGACAGGGTACGTACAGTGC
 CGTGTTAAAGCTGTTGAAGTTCTCCCTTTTTTGCCAATAAAGTTGTAATAAAAAACCATCATACATCC
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_026934

Insert Size: 1281 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: [BC031845](#), [AAH31845](#)

RefSeq Size: 2008 bp

RefSeq ORF: 1281 bp

Locus ID: 69082

UniProt ID: [Q3TIV5](#)

Cytogenetics: 2 D

Gene Summary: Protects DRG1 from proteolytic degradation (PubMed:15676025). Stimulates DRG1 GTPase activity likely by increasing the affinity for the potassium ions (By similarity).[UniProtKB/Swiss-Prot Function]