

Product datasheet for **MC201269**

Reep2 (NM_144865) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Reep2 (NM_144865) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Reep2
Synonyms:	MGC28827
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC020184 sequence for NM_144865
 CCCCAAAGCCGCTGCCGCTGCTAACAGCGGCTCCTGCTGCCTCAGCCGCCGGCCTCGGGCAGCTGCATCC
 ATACCCCGGGCTGGGTCCCCGCCCGCCATGGTGTCTGGATCATCTCTCGCCTGGTGGTGCATCTTT
 GGCACCCTGTACCAGCCTATTCTTCTACAAGCCGTGAAGACCAAAAACGTGAAGGAATACGTAAAAT
 GGATGATGATTGGATAGTCTTCGCCTTCTTACCACAGCTGAGACACTACAGATATAATACTGTCCCTG
 GTTCCCCTTCTACTTTGAGCTCAAGATTGCCTTTGTGATATGGCTGTTGCCCTTACACCAAGGGCTCC
 AGTGTCTCTACCGCAAGTTTCGTGCACCCAACACTGTCCAACAAGGAAAAGGAGATCGACGAATACATCA
 CACAAGCTCGAGACAAGAGCTATGAGACGATGATGAGGGTGGGCAAGAGGGCCTGAACCTGGCTGCCAA
 TGCTGCAGTCACAGCTGTGCAAGGGCCAGGGGGTGTGTGCGAAAAGCTGCGGAGCTTACAGTCGACG
 GACCTGACTCTCATTGAGATGAGGATGCGTTACCGCTGCAGGGGCCAGATGGCCGCTCCAACCCGGCC
 CCGTGGTCTCCTGGACTATTGAGGACTTAGGAGATGAGCCTGCCCTAAGTCTAAGGTCTAGCACAAG
 CCAGCCAGATCCCGGACAGAGACTCAGAAGATGACCTGGGAGACAAGGCACCCAAGAGGACCAAACT
 ATCAAAAAGTACCCAGAGCTGAGCCGCCGCTTCCAAGACACTGAAGACCCGGCCCAAGAAGAAGATT
 CTGGAGGGGGCGACTCAGCATGAGAGGCTCGGCTCCCCGCACCCCTCCATCTCTAGGACAAGCACGGAGA
 AGAGCTGCAGCCCTGGCCCTCCAACAGTGAAGGACTAGCCCCAAGTGTTCAGACCCGCAACCCCCCA
 GGTGGCTGTCCCAGCACCCCTTCCCATGAACATGCCTCCGGAGGGGGCTTGGCAAAGAGGAGGTTGAG
 GACAGAGGTGATGACTAAGCCCTTGAGGAGGTGGAGGCTCCGTGGCCAGCCAGCGCTGCTTTTTTGCTG
 CTCCAGTCCCACGCTGCCATCCAGTGCCTTGCTGACCATGGCCGTCCCCTCTCAGAGGCCTAACCTGCT
 TCCCCACCCCAAGGAGGGGACCTTGAGAAAAGGGAAGAACTGGGCAGGCCTGGGAGGAGGGTGTCTCT
 CAGGCGCAGCTATGCATGGAGACAAGGGCTTTGAATAAGCAGCACGGCCAGGCCAGCATTGCAGCTGGTA
 GGGCTGTGATTCTACAAAAGAGAGGTGAGATGCTAAGGGTGTGCGTGTAGGGAGGTTGGGTGAGAGG
 GGTACCTCCTCCCTACATCAGCTCTGGTCTTTCTCTTTATCCACCCTGCTGGTCTCTGAACCTC
 AGAACTCAAGCCCTTGACAGAACGAGGCTCCAGGGACTCCTCCCTACCTTCCATCCTTGATCCCTTTT
 ACACATTCATGCCACGTAAGCTGGACTCTGCTCCTAGGCTCCATCACAGAGGGCCTGCCAAGATGG
 CTCTTTCTCTCTGTAAGGGGATGCATCCACCTTGCCATGGGGTCCCTTCTGTGCCAAGCAAAC
 CCTGGTCAGAATAACTGGACCCACCCCTGGCGCTGGTCTGCCAGCCTCAATGGGGCAAGTGGTAC
 CTGTGCAGGGAAGGAGATGCAGGAGCTGGGAGGCTCCCAACTCCACGGTCCACACTGGACCTTGGCAC
 TGGATGAGCCAATAAACGAACTCTGACAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144865

Insert Size: 765 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: [BC020184](#), [AAH20184](#)

RefSeq Size: 1865 bp

RefSeq ORF: 765 bp

Locus ID: 225362

UniProt ID: Q8VCD6

Cytogenetics: 18 B1

Gene Summary: Required for endoplasmic reticulum (ER) network formation, shaping and remodeling. May enhance the cell surface expression of odorant receptors (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).