

Product datasheet for MC201370

Reep4 (NM_180588) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Reep4 (NM_180588) Mouse Untagged Clone
Tag: Tag Free
Symbol: Reep4
Synonyms: 2700029E10Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC033929 sequence for NM_180588
 GCAGCACCCTCACCCCCTTGCCAGCTCCTGAGTGAGCGTCCCTCCGCTTGCTCTTGGGGTCATCCC
 CCTAGGCTGTCAGGATGGTGTCTGGATGATCTGTCGCCTGGTAGTGCTCATATTTGGCATGCTGTATCC
 TCGGTATGCTTCCCTACAAGGCCGTGAAGAGCAAGAACATTTCGAGAATATGTACGGTGGATGATGATTGG
 ATTGTCTTTGCGATCTTCATGGCAGCAGAAACCTTACAGACATCTTCATTTCCCTGGTCCCGTTTTATT
 ACGAGTTCAAGATGGCTTTTGTGCTGTGGCTGCTCTCACCTTACACCAAGGGGGCCAGCCTGCTTTACCG
 AAAGTTTGTCCACCCATCCCTATCCCGCCATGAGAAGGAGATCGACGCGTGTATCGTGCAGGCAAAGGAG
 CGCAGCTATGAAACCATGCTCAGTTTTGGGAAGCGGAGCCTCAACATCGCTGCCTCAGCTGCTGTGCAGG
 CTGCTACCAAGAGTCAAGGCGCTCTAGCTGGAAGGCTGCGGAGTTTCTCTATGCAAGACCTGCGCTCTAT
 CCCTGACACCCCTGTCCCACCTACCAAGATCCCCTCTACCTGGAAGACCAGGTACCCCGACGTAGACCC
 CCTATTGGATACCGGCCAGGCGGCTGCAGGGCAGTGACACAGAGGATGAGTGTGGTGCAGACAATGAGA
 TCGTCCCCCAGCCACCTGTTTCGGCCCCGAGAGAAGCCTCTAGGCCGAGCCAGAGCCTTCGGGTGGTCAA
 GAGGAAGCCATTGACTCGAGAGGGCACCTCACGCTCCCTGAAGGTCCGAACCCGGAAAAAGGCCATGCC
 TCAGACATGGACAGCTAGAGTCTGCAGATTGAGGCCACCTTACCTCTGGAGCCAGCAGGGGACCTTTCGC
 TGCTACACCAGCTACCGGGTCTGCTCCGCTGGCTTGTGCCTAAATGGCACATGGCGTGGTACCTGC
 ACAGGGAGACATCACTATACCAAAGCAGCCCAGGCTGGGGCCTATTTATTGCCTTCTCTGCCTTTTA
 CTTTCTCAGACACGGGACCAGAGCCCACCAGTCCCTACCGACGAAACCAAAAGTCCAACAGCTGTGTT
 CATTCTTCTTGTCCCTTCAAAATACTTGACAGCCTTTTCCAAGGCCTGGTGTGTGTGTGTGTGTGTGT
 GTGTGTGTGTTACGTACACTAGCTGCATGTTTCGTGTTGGTGTGAGTGAGGTCAGGCTTATGAATATTTT
 ATATAAATAAATACCAAAACAGTGTGGCCTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
ACCN: NM_180588
Insert Size: 774 bp



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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:	<ol style="list-style-type: none">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:	BC033929 , AAH33929
RefSeq Size:	1323 bp
RefSeq ORF:	774 bp
Locus ID:	72549
UniProt ID:	Q8K072
Cytogenetics:	14 D2
Gene Summary:	Microtubule-binding protein required to ensure proper cell division and nuclear envelope reassembly by sequestering the endoplasmic reticulum away from chromosomes during mitosis. Probably acts by clearing the endoplasmic reticulum membrane from metaphase chromosomes (By similarity).[UniProtKB/Swiss-Prot Function]