

Product datasheet for **MC214331**

Ras10b (NM_001013386) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ras10b (NM_001013386) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ras10b
Synonyms: B230331P10Rik; Gm729; VTS58635
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC214331 representing NM_001013386
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCTCCACCTACCGGTGGCCGTGCTGGGAGCTCGAGGTGTGGCAAGAGTGCCATCGTGCCCAAT
TCTTATAACAACGAGTTCAGCGAGGTCTGTGTGCCACCACCACCCCGCCCTCTACCTGCCTGCTGTGGT
CATGAATGGCCATGTGCACGACCTGCAGATCCTGGACTTCCCACCCATCAGCGCCTTCCCTGTCAACACA
CTGCAGGAGTGGCAGATGCCTGCTGCAGGGGACTCCGAAGCGTCCACGCCTACATCCTGGTCTATGACA
TCTGCTGCTTTGACAGCTTTGAGTACGTCAAGACTATCCGTGAGCAGATCCTGGAGACGAGGGTATCGG
CACCTCGGAGACGCCATCATCATCGTGGGCAACAAGCGGACCTGCAACGCGGACGCGTGATTCCACGC
TGGAACTGTGCGCACTTGGTGGCAAGACCTGGAAGTGCAGGCTACGTGGAGTGCTCGGCCAAGTACAAC
GGCACATCCTGCTGCTTTCAGCGAGCTGCTCAAGAGTGTGGGCTGCGCCCGCTGCAAACACGTGCACGC
TGCCCTGCGCTTCCAGGGAGCGCTGCGCCGCAACCGCTGCGCCATCAT**GTGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001013386
Insert Size: 612 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:	<u>NM_001013386.2</u> , <u>NP_001013404.1</u>
RefSeq Size:	3481 bp
RefSeq ORF:	612 bp
Locus ID:	276952
UniProt ID:	<u>Q5SSG5</u>
Cytogenetics:	11 C
Gene Summary:	May facilitate the release of atrial natriuretic peptide by cardiomyocytes and hence play a role in the regulation of arterial pressure.[UniProtKB/Swiss-Prot Function]