

Product datasheet for MC210780

Rabl2 (NM_026817) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabl2 (NM_026817) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rabl2
Synonyms:	1110031N17Rik; AW549303; Rabl2a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210780 representing NM_026817 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGGGGACAGAAACAGGCACTGTGAGCTGGAGCAGGAGAAGTACGACACCCATGAGAACGTGAAGA
 TCATCTGCCTGGGGACAGTGGGTGGCAAGTCCAACTCATGGAGAGATTTCTCATGGATGGATTCCA
 GCCACAGCAACTGTCCACATATGCTCTGACTCTGTATAAGCACACAGCCACAGTAGACGGCAAGACGATC
 CTTGTGGACTTCTGGGATACAGCAGGCCAGGAGCGGTTCCAGAGCATGCATGCTTCTACTACCACAAGG
 CTCACGCCTGCATCATGGTATTTGATGTCCAGAGGAAATCACCTATAAGAACCTGGGTACCTGGTATGC
 AGAACTTCGGGAGTTTCAGGCCGAGATCCCATGCATCCTGGTGGCCAATAAAATTGATGCAGACATACAG
 ATGACTCAAAAGAATTTTCAGTTTGGCAAGAAGTTCTCCCTGCCCTGTACTTTGTCTCGGCTGCTGATG
 GTACCAATGTTGTGAAGCTCTTCAATGATGCTATTCGATTAGCTGTGGCTTACAAAGAGAGTTCCCGAGGA
 CTTTCATGGACGAGGTTTTACAGGAGCTCGAGAATTCAAGTTGGAGCAGAAAGAAGAGGATACGTCAGGC
 CAAGAGCAGAGTGACACGACCAAGAGCCCATCTCCTTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_026817
Insert Size:	672 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:	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:	<u>NM_026817.3</u> , <u>NP_081093.2</u>
RefSeq Size:	1650 bp
RefSeq ORF:	672 bp
Locus ID:	68708
UniProt ID:	<u>E9Q9D5</u>
Cytogenetics:	15 E3
Gene Summary:	Plays an essential role in male fertility, sperm intra-flagellar transport, and tail assembly. Binds, in a GTP-regulated manner, to a specific set of effector proteins including key proteins involved in cilia development and function and delivers them into the growing sperm tail. [UniProtKB/Swiss-Prot Function]