

Product datasheet for MC206926

Rabl2a (BC030376) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rabl2a (BC030376) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rabl2a
Synonyms:	1110031N17Rik; AW549303; Rabl2a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206926 representing BC030376. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGGGGACAGAAGCAGGCACTGTGAGCTGGAGCAGGAGAAGTACGACCCCATGAGAACGTGAAG
ATCATCTGCCTGGGGACAGTGCAGTGGCAAGTCCAACTCATGGAGAGATTTCTCATGGATGGATTC
CAGCCACAGCAACTGTCCACATATGCTCTGACTCTGTATAAGCACACAGCCACAGTAGACGGCAAGACG
ATCCTTGTGGACTTCTGGGATACAGCAGGCCAGGAGCGGTTCCAGAGCATGCATGCCTCCTACTACCAC
AAGGCTCAGCCTGCATCATGGTATTTGATGTCCAGAGGAAAATCACCTATAAAGAACCTGGGTACCTGG
TATGCAGAACTTCGGGAGTTCAGGCCGGAGATCCCATGCATCCTGGTGGCCAATAAAATTGATGCAGAC
ATACAGATGACTCAAAGAATTTCAAGTTTGCAGAAAGTTCTCCTGCCCTGTACTTTGTCTCGGCT
GCTGATGGTACCAATGTTGTGAAGCTCTCAATGATGCTATTCGATTAGCTGTGGCTTACAAAGAGAGT
TCCCAGGACTTTCATGGACGAGGTTTTACAGGAGCTCGAGAACTTCAAGTTGGAGCAGAAAGAAGAGGAT
ACGTCAGGCCAAGAGCAGGGTGACACGACCAAGAGCCCATCTCCTTCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	SgfI-MluI
ACCN:	BC030376
Insert Size:	672 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).



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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>BC030376</u>
RefSeq Size:	1628 bp
RefSeq ORF:	671 bp
Locus ID:	68708
Cytogenetics:	15 E3
MW:	25.6 kDa
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]