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Product datasheet for RC225284

RABL2B (NM_001130920) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RABL2B (NM_001130920) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RABL2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

```
>RC225284 representing NM_001130920
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGAAGACAAAACCAAACCGAGTGAGTTGGACCAAGGGAAGTATGATGCTGATGACAACGTGAAGA
TCATCTGCCTGGGAGACAGCGCAGTGGGCAAATCCAAACTCATGGAGAGATTTCTCATGGATGGCTTTCA
GCCACAGCAGCTGTCCACGTACGCCCTGACCCTGTACAAGCACACAGCCACGGTAGATGGAAGGACCATC
CTTGTGGACTTTTGGGACACGGCAGGCCAGGAGCGGTTCCAGAGCATGCATGCCTCCTACTACCACAAGG
CCCACGCCTGCATCATGGTGTTTGATGTACAGAGGAAAGTCACCTATAGGAACCTGAGCACCTGGTATAC
AGAGCTTCGGGAGTTCAGGCCAGAGATCCCATGCATCGTGGTGGCCAATAAAATTGATGCAGACATAAAC
GTGACCCAAAAAAGCTTCAATTTTGCCAAGAAGTTCTCCCTGCCCCTGTATTTCGTCTCGGCTGCTGATG
GTACCAATGTTGTGAAGCTCTTCAATGATGCAATTCGATTAGCTGTGTCTTACAAACAGAACTCCCAGGA
CTTCATGGATGAGATTTTTCAGGAGCTCGAGAACTTCAGCTTGGAGCAGGAAGAGGAGGACGTGCCAGAC
CAGGAACAGAGCAGCAGCATCGAGACCCCATCAGAGGAGGCGGCCTCTCCCCACAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Protein Sequence:

```
>RC225284 representing NM_001130920
Red=Cloning site Green=Tags(s)

MAEDKTKPSELDQGKYDADDNVKIICLGDSAVGKSKLMERFLMDGFQPQQLSTYALTLYKHTATVDGRTI
LVDFWDTAGQERFQSMHASYYHKAHACIMVFDVQRKVTYRNLSTWYTELREFRPEIPCIVVANKIDADIN
VTQKSFNFAKKFSLPLYFVSAADGTNVVKLFNDAIRLAVSYKQNSQDFMDEIFQELENFSLEQEEEDVPD
QEQSSSIETPSEEAASPHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

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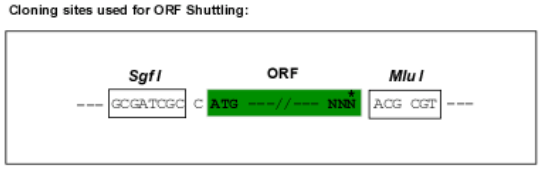
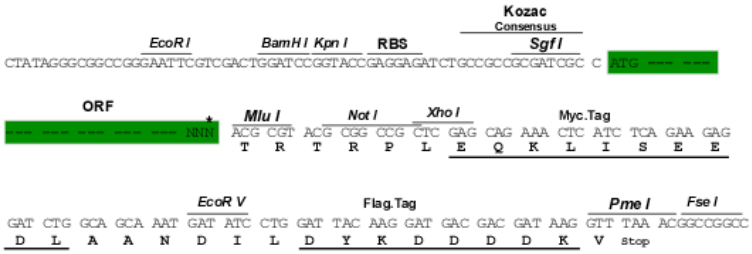
Restriction Sites: SgfI-MluI

Cloning Scheme:





ACCN: NM_001130920

ORF Size: 687 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: NM_001130920.3

RefSeq ORF: 690 bp

Locus ID: 11158

UniProt ID: Q9UNT1

Cytogenetics: 22q13.33

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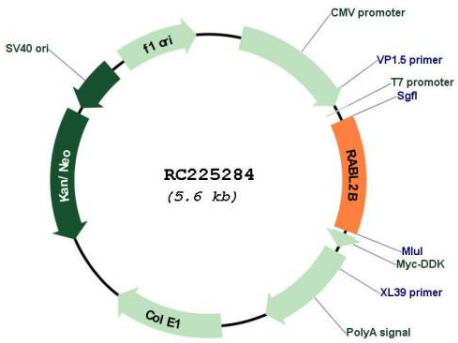
Protein Families: Druggable Genome

MW: 26 kDa

Gene Summary: The RABL2B protein is a member of the RAB gene family which belongs to the RAS GTPase superfamily. RABL2B is located within a subtelomeric region of 22q13.3. Multiple alternatively spliced transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

Product images:



Circular map for RC225284

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