

Product datasheet for **SC325647**

RABL2B (NM_001130923) Human Untagged Clone

Product data:

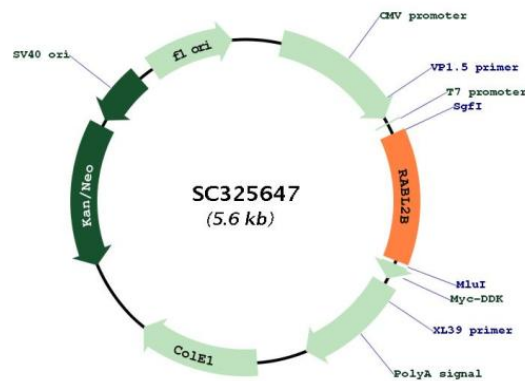
Product Type: Expression Plasmids
Product Name: RABL2B (NM_001130923) Human Untagged Clone
Tag: Tag Free
Symbol: RABL2B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC325647 representing NM_001130923.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGAAGACAAAACCAACCGAGTGAGTTGGACCAAGGGAAGTATGATGCTGATGACAACGTGAAG
ATCATCTGCCTGGGAGACAGCGCAGTGGGCAAATCCAACTCATGGAGAGATTTCTCATGGATGGCTTT
CAGCCACAGCAGCTGTCCACGTACGCCCTGACCCTGTACAAGCACACAGCCACGGTAGATGGAAGGACC
ATCCTTGTGGACTTTTGGGACACGGCAGGCCAGGAGCGGTTCCAGAGCATGCATGCCTCCTACTACCAC
AAGGCCACGCCCTGCATCATGGTGTGGTGTACAGAGGAAAGTCACCTATAGGAACCTGAGCACCTGG
TATACAGAGCTTCGGGAGTTCAGGCCAGAGATCCCATGCATCGTGGTGGCCAATAAAATTGATGACATA
AACGTGACCCAAAAAGCTTCAATTTTGCCAAGAAGTTCTCCCTGCCCTGTATTTTCGTCTCGGCTGCT
GATGGTACCAATGTTGTGAAGGTGTGGTTGACTGCAGAGGTAGCTAGCAAGCTCTTCAATGATGCAATT
CGATTAGCTGTGTCTTACAAACAGAACTCCCAGGACTTCATGGATGAGATTTTTCAGGAGCTCGAGAAC
TTCAGCTTGGAGCAGGAAGAGGAGGACGTGCCAGACCAGGAACAGAGCAGCAGCATCGAGACCCCATCA
GAGGAGGCGGCCCTCTCCCACAGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001130923

Insert Size: 717 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001130923.1](#)

RefSeq Size: 2372 bp

RefSeq ORF: 717 bp

Locus ID: 11158

UniProt ID: [Q9UNT1](#)

Cytogenetics: 22q13.33

Protein Families: Druggable Genome

MW: 27.2 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]
Transcript Variant: This variant (7) encodes isoform 3. Variants 7, 18, 19 and 20 all encode the same isoform (3).