

## Product datasheet for **SC325958**

### **RAB11FIP3 (NM\_001142272) Human Untagged Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                           |
| Product Name:             | RAB11FIP3 (NM_001142272) Human Untagged Clone |
| Tag:                      | Tag Free                                      |
| Symbol:                   | RAB11FIP3                                     |
| Synonyms:                 | CART1; FIP3-Rab11; Rab11-FIP3                 |
| Mammalian Cell Selection: | Neomycin                                      |
| Vector:                   | pCMV6-Entry (PS100001)                        |
| E. coli Selection:        | Kanamycin (25 ug/mL)                          |



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**Fully Sequenced ORF:** >SC325958 representing NM\_001142272.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

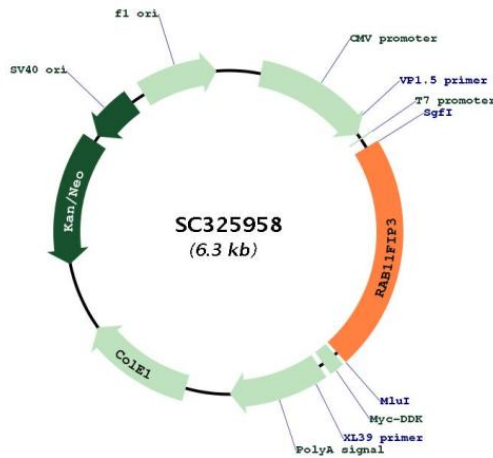
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GACAGTGCCGGCGGCTCGGCCGTGCCCTCTGAGTGCCTGGACGCCATGGAGGAGCCCGACCATGGTGCC
CTGCTGCTGCTCCAGGCAGGCCTCACCCCATGGCCAGTCTGTATCACGGTGATCGGGGGCGAGGAG
CACTTTGAGGACTACGGTGAAGGCAAGTGAAGGCGGAGCTGTCCCGAGAGCCCTATGCAACGGGCAGCTG
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TAG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:**

SgfI-MluI

**Plasmid Map:**



**ACCN:** NM\_001142272

**Insert Size:** 1383 bp

|                               |  |
|-------------------------------|--|
| <b>OTI Disclaimer:</b>        | 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).   |
| <b>OTI Annotation:</b>        | 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.   |
| <b>Components:</b>            | 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).   |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>                |
| <b>RefSeq:</b>                | <u><a href="#">NM_001142272.1</a></u>  |
| <b>RefSeq Size:</b>           | 3227 bp  |
| <b>RefSeq ORF:</b>            | 1383 bp  |
| <b>Locus ID:</b>              | 9727   |
| <b>UniProt ID:</b>            | <u><a href="#">O75154</a></u>  |
| <b>Cytogenetics:</b>          | 16p13.3  |
| <b>Protein Pathways:</b>      | Endocytosis  |
| <b>MW:</b>                    | 52.5 kDa   |
| <b>Gene Summary:</b>          | <p>Proteins of the large Rab GTPase family (see RAB1A; MIM 179508) have regulatory roles in the formation, targeting, and fusion of intracellular transport vesicles. RAB11FIP3 is one of many proteins that interact with and regulate Rab GTPases (Hales et al., 2001 [PubMed 11495908]). [supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to isoform 1.</p> |