

Product datasheet for **SC326770**

RAB28 (NM_001159601) Human Untagged Clone

Product data:

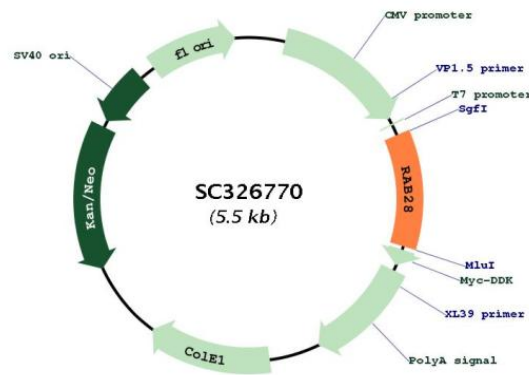
Product Type:	Expression Plasmids
Product Name:	RAB28 (NM_001159601) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB28
Synonyms:	CORD18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326770 representing NM_001159601. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCGACTCTGAGGAGGAGGCCAGGACCGCAACTGAAAATCGTCGTGCTGGGGACGGCGCCTCC
GGGAAGACCTCCTTAACACGTGTTTTGCTCAAGAACTTTGGGAAACAGTACAAACAACTATAGGA
CTGGATTTCTTTTGAAGGATAACATTGCCAGGAACTTGAATGTTACCCTTCAAATTTGGGATATA
GGAGGGCAGACAATAGGAGGCAAATGTTGGATAAATATCTATGGAGCACAGGGATCCTCTTGGTA
TATGATATTACAAATTATCAAAGCTTTGAGAATTTAGAAGATTGGTATACTGTGGTGAAGAAAGTGAGC
GAGGAGTCAGAACTCAGCCACTGGTTGCCTTGGTAGGCAATAAAATTGATTTGGAGCATATGCGAACA
ATAAACCTGAAAACACTTACGGTTTTGCCAGGAAAATGGTTTTAGTAGCCACTTTGTCTCAGCCAAG
ACAGGAGACTCTGTCTTCTGTGCTTTCAGAAAGTTGCTGCTGAAATCCTTGGGATCAAATTAACAAA
GCAGAAATAGAACAGTCACAGGGCCATTTCAATTTTTCAATTCACACTAATAGAGAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001159601

Insert Size: 615 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:	<u>NM_001159601.1</u>
RefSeq Size:	1805 bp
RefSeq ORF:	615 bp
Locus ID:	9364
UniProt ID:	<u>P51157</u>
Cytogenetics:	4p15.33
Protein Families:	Druggable Genome
MW:	23 kDa
Gene Summary:	<p>This gene encodes a member of the Rab subfamily of Ras-related small GTPases. The encoded protein may be involved in regulating intracellular trafficking. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 9 and X. [provided by RefSeq, Apr 2009]</p> <p>Transcript Variant: This variant (3) has an alternate exon in the 3' coding region, compared to variant 1, that causes a frameshift. The resulting isoform (3) is shorter and has a distinct C-terminus compared to isoform 1.</p>