

Product datasheet for **SC106587**

RALGAPB (NM_020336) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RALGAPB (NM_020336) Human Untagged Clone
Tag:	Tag Free
Symbol:	RALGAPB
Synonyms:	KIAA1219; RalGAPbeta
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC106587 sequence for NM_020336 edited (data generated by NextGen Sequencing)

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ATGTACTCTGAGTGGAGGTCAGTGCATTTGGTGATTGAGAATGATCAAGGCCATACCAGT
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Clone variation with respect to NM_020336.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020336 unedited
AAGAGTCTCATTTGTATACCACTTCTATAGGCGGCCGCGNAATTCGCACGAGGCTTGGC
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AAAGTCTACTGTGTTNNCTCTGCAGATAAACGACTACTTCTGGCCCCACCACTGGTCAGG
TGGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020336 unedited
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CCCAGAAGCTAGAACCTATGCCGCCAATTTATTAATGGACTACTAAATATTAATATTAG
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GTAAAAATAGTGACCATGACTCAATCCTACTAGTGAAGAGCTAAGCGTTCTTCCCACTCCT
CTTTGGGCAGATGTATGTGAGCAGAAGAACAGCGCN

Restriction Sites:

NotI-NotI

ACCN:

NM_020336

Insert Size:

8000 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).

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_020336.2, NP_065069.1</u>
RefSeq Size:	8636 bp
RefSeq ORF:	4485 bp
Locus ID:	57148
UniProt ID:	<u>Q86X10</u>
Cytogenetics:	20q11.23
Gene Summary:	Non-catalytic subunit of the heterodimeric RalGAP1 and RalGAP2 complexes which act as GTPase activators for the Ras-like small GTPases RALA and RALB.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 encode the same isoform (1).