

Product datasheet for **SC337387**

RASA4B (NM_001277335) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RASA4B (NM_001277335) Human Untagged Clone
Tag:	Tag Free
Symbol:	RASA4B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001277335, the custom clone sequence may differ by one or more nucleotides

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ATGGCCAAGCGCAGCTCGCTGTACATCCGCATCGTGGAGGGGAAGAACCTTCCCGCCAAGGACATCACTG
GCAGCAGCGACCCCTACTGCATCGTGAAGGTGGACAATGAGCCCATCATCAGGACAGCCACAGTGTGGAA
GACCTGTGCCCTTCTGGGGTGAGGAGTACCAAGTGCACCTGCCGCCACCTTCCACGCTGTGGCTTTC
TATGTCATGGATGAGGATGCCCTCAGCCGGGACGACGTTATCGGAAAGGTCTGCCTTACAAGGGACACCA
TAGCCTCTCACCTAAGGGTTTCAGCGGGTGGGCCACCTGACAGAGGTGACCCCGACGAGGAGGTGCA
GGGCGAGATCCACCTGCGGCTGGAAGTGTGGCAGGGGCCGGGCTGCCGGCTACGCTGCTGTGTCTG
GAGGCCAGGGATCTGGCCCCAAGGACCGCAATGGCACATCTGACCCCTTCGTCCGAGTGCCTACAAGG
GCCGGACACGGGAGACCTCGATCGTGAAGAAGTCACTACCCACGCTGGAATGAGACGTTTGAATTTGA
GCTGCAGGAGGGGCCATGGAGGCGCTGTGCGTGGAGGCTGGGACTGGGACCTTGTGAGCCGAAACGAC
TTCTTGGGCAAAGTGGTGATTGATGTCCAGAGACTGCGGGTGGTGCAGCAGGAGGAGGGCTGGTTCCGGC
TGCAGCCCGACCACTCAAGAGCCGGCGCATGACGAGGGCAACCTGGGCTCCTTGACAGTGGAGGTGCG
GCTGCGGGACGAGACGGTGTGCCCTCCAGCTACTACCAGCCACTGGTGCACCTGCTGTGCCACGAGGTG
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AGGACGTGGCCACGAACCTGCTCAAGCTTCTCTGGGGCAGGGGCTGGCCAAGGACTTCTGGACCTGCT
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TCCGTGGAGTCTTTCTGAAGGTGGCCGGGATGCAGTACCTGCACGGCGTCTGGGCCCATCATCAACA
AGGTGTTTGAGGAGAAGAAGTACGTGGAGCTGGACCCAGCAAAGTGAAGTTAAGGATGTAGGGTGCTC
CGGGCTGCACCGCCCGCAGACCGAGGCCGAGGTGCTGGAGCAGAGCGCGCAGACGCTGCGCGCCACCTG
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CAGCTTCTGTGCTGCGCTTCTCTCTCCCGCCATCATGTGCGCCAAGCTTCTCACCTGCGGGAGCGC
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GCAGCTGAAGGACTTCATACCAAGCTCGTGGACATCGAGGAGAAGGACGAGCTGGACCTGCAGCGGACG
CTGAGTTTGCAGGCGCCACCTGTGAAGGAGGGGCCACTTTCATCCACAGGACCAAGGGCAAGGGCCCCC
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CAGCTCCAAGTGTGAATGAGCTTAACAGTGGCTGTCTGCGCTGCGGAAGGTGAGCATCAACAACACC
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AGACAGGTGAGGCTGCGATAAGACCCGGTCACGGGTGACCTGCAGGAGTGGAATGACCTCTTGACCA
TGACCTTGAGGCCAGCTCATCTACCGGCACCTGCTGGGCGTGGAGGCCATGCTGTGGGAGAGGCACCGG
GAGCTGAGCGGGGGCGCAGAGGCAGGCAGGTGCCACAGGCCCTGGCAAAGTCCCCGAGGACTCATTGG
CCCGGCTGCTCCGGGTGCTGCAGGACCTCCGCGAGGGCCATAGCTCCAGCCCGGCCGGCTCCCCACCCTC
AGAGCCCAACTGCCTCCTGGAGCTGCAGACGTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001277335

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_001277335.1</u> , <u>NP_001264264.1</u>
RefSeq Size:	2794 bp
RefSeq ORF:	2274 bp
Locus ID:	100271927
Cytogenetics:	7q22.1
Gene Summary:	Ca(2+)-dependent Ras GTPase-activating protein, that may play a role in the Ras-MAPK pathway.[UniProtKB/Swiss-Prot Function]