

Product datasheet for **SC118357**

RABIF (NM_002871) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RABIF (NM_002871) Human Untagged Clone
Tag:	Tag Free
Symbol:	RABIF
Synonyms:	MSS4; RASGFR3; RASGRF3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC118357 sequence for NM_002871 edited (data generated by NextGen Sequencing) ATGGAACCAGCGGAGCAGCCGAGCGAGTTAGTGTGTCAGCCGAGGGCCGAAACCGGAAGGCG GTGCTGTGCCAGCGTTGCGGCTCCCGGGTGTGTCAGCCAGGGACCGCTCTTCTCTCGC CGACAGCTTTTCCCTCCCTCCATGAGAAAAGAAGCCAGCTCTGTCTGACGGCAGCAATCCT GACGGCGATCTCTCCAGGAACACTGGCTGGTTGAGGACATGTTCAATTTTGAATGTG GGCTTCACCAAGGACGTGGGCAACATCAAGTTTCTGGTCTGCGCAGACTGTGAAATTGGA CCAATTGGCTGGCATTGCCTAGATGACAAGAACAGTTTCTATGTGGCCTTGAACGAGTT TCCCATGAGTAA Clone variation with respect to NM_002871.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_002871 unedited ACGACTCACTATAGGGCGGCCCGAATCGGCACGAGGGTGGCGGCAGCGGCGATGGAAC CAGCGGAGCAGCCGAGCGAGTTAGTGTCAGCCGAGGGCCGAAACCGGAAGCGGTGCTGT GCCAGCGTTGGCGCTCCCGGGTCTGCAGCCAGGGACCCTCTTCTCTCGCCGACAGC TTTTCTTCCCTCCATGAGAAAGAAGCCAGCTCTGTCTGACGGCAGCAATCCTGACGGCG ATCTCCTCCAGGAACACTGGCTGGTTGAGGACATGTTCATTTTTGAGAATGTGGGCTTCA CCAAGGACGTGGGCAACATCAAGTTTCTGGTCTGCGCAGACTGTGAAATTGGACCAATTG GCTGGCATTGCCTAGATGACAAGAACAGTTTCTATGTGGCCTTGAACGAGTTTCCCATG AGTAACTGAGGGGAGGGTACTCAGCTCCATCTCCAAAGATAAACCTACTCCCCACAAGA ACTGGCCTTTAATGTGGTATAACTGTTCCGCTGCCTTCTGTCTGTGCTAATATAAATAC TGAGTACCAGCATGTCCATTTGAACATGCAGAGGGTAACTCTGCTTCTAAAGCCTCAA GTACATGCCTCCTGCTTAGTTCACTTTGTATCACATTTCTAAGCTCCCTTTTCCCCAG TTTTGGGACACTGGTGTACCTCCAAAAATCTCATCTTCCCTGGGCATTCTCCTAG GCTCTGTTNTGCCAGGGGCTNCCGCTNTTCTTGCTCTAGAGAGCAGTATTCACTTTT AGCTATGATGCCACATACANNAGATGCTATGTAATAAGTAAATCTGCCTTNTCTA TTCAGAAGGCATACAATCTGGAGGGACTTTGTGATGGCTACCTTGGGATTACATNATTTA TCTTNTAAGTAAGCATTCAANCTANNTTTAACCTACAGAACATACTGGG
Restriction Sites:	NotI-NotI
ACCN:	NM_002871
Insert Size:	1780 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:	<ol style="list-style-type: none"> 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_002871.3 , NP_002862.2
RefSeq Size:	2452 bp
RefSeq ORF:	372 bp
Locus ID:	5877
UniProt ID:	P47224
Cytogenetics:	1q32.1
Domains:	Mss4

Gene Summary:

This gene encodes a member of the SCE4/YPT1/RAB family of small GTP-binding proteins that are involved in the regulation of intracellular vesicular transport. This protein stimulates GTP-GDP exchange in SEC4, and to a lesser extent in YPT1 and RAB3A, and may play a general role in vesicular transport. [provided by RefSeq, Oct 2011]