

Product datasheet for **SC127082**

RABL5 (IFT22) (NM_022777) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RABL5 (IFT22) (NM_022777) Human Untagged Clone
Tag:	Tag Free
Symbol:	RABL5
Synonyms:	FAP9; RABL5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022777, the custom clone sequence may differ by one or more nucleotides

ATGCTGAAAGCCAAGATCCTCTTCGTGGGGCCTTGCGAGAGTGGAAGAACTGTTTTGGCCAACTTTCTGA
CAGAATCTTCTGACATCACTGAATACAGCCCAACCCAAGGAGTGAGGATCCTAGAATTTGAGAACCCGCA
TGTTACCAGCAACAACAAAGGCACGGGCTGTGAATTCGAGCTATGGGACTGTGGTGGCGATGCTAAGTTT
GAGTCCTGCTGGCCGGCCCTGATGAAGGATGCTCATGGAGTGGTATCGTCTTCAATGCTGACATCCCAA
GCCACCGGAAGGAAATGGAGATGTGGTATTCTGCTTTGTCCAACAGCCGTCCTTACAGGACACACAGTG
TATGCTAATTGCACACCACAAACCAGGCTCTGGAGATGATAAAGGAAGCCTGTCTTGTGCCACCCTTG
AACAAGCTGAAGCTGGTGCACTCAAACCTGGAAGATGACCCTGAGGAGATCCGGATGGAATTCATAAAGT
ATTTAAAAAGCATAATCAACTCCATGTCTGAGAGCAGAGACAGGGAGGAGATGTCAATTATGACCTAG



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_022777 unedited NNGGGAGAGCGGACAAAATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGGCACG AGGCGAAGCGGCCAAGTAGAGCTCCGTCCTGACGCGCCGCTCCCGTGGGCTCCGGCCGG CTAAGCCGCGCGGACAACTATGCTGAAAGCCAAGATCCTCTTCGTGGGGCCTTGCGAGA GTGGAAAACTGTTTTGGCCAACCTTCTGACAGAATCTTCTGACATCACTGAATACAGCC CAACCAAGGAGTGAGGTTTGTAGTCTGCTGGCCGGCCCTGATGAAGGATGCTCATGGAG TGGTGATCGTCTTCAATGCTGACATCCCAAGCCACCGGAAGGAAATGGAGATGTGGTATT CCTGCTTTGTCCAACAGCCGTCCTTACAGGACACACAGTGTATGCTAATTGCACACCACA AACCAGGCTCTGGAGATGATAAAGGAAGCCTGTCTTTGTCGCCACCCTTGAACAAGCTGA AGCTGGTGCACTCAAACCTGGAAGATGACCCTGAGGAGATCCGGATGGAATTCATAAAGT ATTTAAAAAGCATAATCAACTCCATGTCTGAGAGCAGAGACAGGGAGGAGATGTCAATTA TGACCTAGCCAGCCTTACCTGGGACTGCCACATCCCCAGTGAAATCAGCATGTTTCTCG GTGCAGATCTGAAATCACATCCAGCTCCTGATGTTTTCTCTCCCTCTGACTGCAGAGGA AGTGTTCCTACCTGCAGGAAGGCACCTGTACGCANGGCGTTCACTCAGACCATCTGTGC TCTGCCCTGAGTTCAGTTGAGAAAATCCTATTATCAAATTTGGATTTCTGGCCCCAGAA CTTCCCAAAGACCTGTAAATGGAGGGATA
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_022777 unedited NTTTTGCTCTGGAACCGCGGCCGAATCTAGNGATCGGTTTTTTTTTTTTTTTTTGTCTC TGTCACCAGGCTGGAGTGCAGTGGTGCGATCTCGGCTCACTGCAGTCTCCGCCTCGCGGG TTCAGGCAATTCTCTGCCTCACCTTCTGAGTAGCTGGGACTACAGGCATGCCCCACCA TGCCCAGCTAATTTTTGTATTTTAGTAAAGACGGGGTTTACCATGTTGGCCAGGATGG TCTCGATCTCTTGACCTGTGATCCGCCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAG GGTGAGCCACCACGCCAGCCAGGCACTTAAATTTTTTGTCTCTGTGTCTGCGAAT AACTGAGAAAAGTGCCACAGTATTGATTTGGGGTTACAAACATATTTTAGTGAGTAGGCA AATTCTCAAATACAAATCTATGAATAAGGATCAAGTATACGTTCAATTTGGCATTTTAAG TACCCAGGTTCCCTCATTATCTGAGGGAGGGCAGCATATGAACTTATTTAGACTTCTT CTTAAACATTTAATGTAATTTAATTTATTTGAGACAGGATGTCTGTTGCCAAGCTGGAG TATAGTGGCGGATCTCGGCTCAGTGCAATCTCTGCCTCCCAGGCTCAAGCAATCTTAT GCCTCAGCCACCTGAGTAGCTGGTATTACAGGCGTGTGCCAACACACCCTGAGAAATTTT GTATTTTGTAGTAGAGATGGGATTTGCCATGTTGGGCCAGNCTGGTCGTGAACTCCTGGC CTCAAGTGATCCGCTGCCTTAGCATCCCANAGTGCTGGGATTACAAGTGTGAGCCACCG CTCCTGGGCTAGAACTCTNTTTTTCTGAGATGGAGTCTGCTCTGTGCCAAGCTGGAAA ACAAGGGCGCATCTCTGCCTACTGCAACTCCTGCTTC
Restriction Sites:	NotI-NotI
ACCN:	NM_022777
Insert Size:	2450 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_022777.1, NP_073614.1</u>
RefSeq Size:	2359 bp
RefSeq ORF:	558 bp
Locus ID:	64792
UniProt ID:	<u>Q9H7X7</u>
Cytogenetics:	7q22.1
Protein Families:	Druggable Genome
Gene Summary:	Small GTPase-like component of the intraflagellar transport (IFT) complex B.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.