

Product datasheet for SC114224

RAB6B (NM_016577) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB6B (NM_016577) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB6B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114224 sequence for NM_016577 edited (data generated by NextGen Sequencing) ATGTCCGCAGGGGAGATTTTGGGAATCCACTGAGAAAATTCAAGTTGGTGTCTTGGGG GAGCAGAGCGTCGGGAAGACGTCTCTGATTACGAGGTTTCATGTACGACAGCTTCGACAAC ACATACCAGGCAACCATTTGGGATTGACTTCTTGTCAAAAACCATGTACTTGGAGGACCGC ACGGTGCGACTGCAGCTCTGGGACACAGCTGGTCAGGAGAGGTTCCGCAGCCTGATCCCC AGCTACATCCGGGACTCCACGGTGGCTGTGGTGGTGTACGACATCACAAATCTCAACTCC TTCCAACAGACCTCTAAGTGGATCGACGACGTGAGGACAGAGAGGGGCAGTGATGTTATC ATCATGCTGGTGGGCAACAAGACGGACCTGGCTGATAAGAGGCAGATAACCATCGAGGAG GGGGAGCAGCGCGCCAAAGAAGTACGCGTCATGTTTCATTGAGACCAGTGCGAAGACTGGC TACAACGTGAAGCAGCTTTTTCGACGTGTGGCGTCGGCTCTACCCGGAATGGAGAATGTC CAGGAGAAAAGCAAAGAAGGGATGATTGACATCAAGCTGGACAAACCCAGGAGCCCCCG GCCAGCGAGGGCGGCTGCTCCTGCTAA Clone variation with respect to NM_016577.3 567 c=>t


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016577 unedited
 GTCAAAATTGTAACGACTCACTATAGCGCGCCGCAATCGGCACGAGGCCCGCTCCG
 CCCGCGCTCTCTCCAGCGCGCGCCTCGGGCGTAAAGAGCGCGCCCTCGCACCGCAG
 CCAGTGCCGACCGCAGCAGCCAGCCAGCCTTCTCCGCTCCGCCTCTCTCTCTCC
 TCCTCTCCGCGCCGGACACGACGCCGAGCCGGGACCGGGACGAGCTGGGGAGTCA
 GGGACGCGCGCAGCCAGCCCTTCCCTCCGCTCCCGCACCAGCGCGCCCTCCCTCG
 CCCTCTACTCTCCCTCCCTGCTCCTTCGCTTTTCTCTCTCTCTCTCTCCCGGCCCG
 GCTGCCAGCACCATGTCCGACGGGGAGATTTTGGGAATCCACTGAGAAAATTCAAGTTG
 GTGTTCTTGGGGAGCAGAGCGTCGGAAGACGCTCTGATTACGAGGTTTCATGTACGAC
 AGCTTCGACAACACATACCAGGCAACCATTGGGATTGACTTCTTGTCAAAAACCATGTAC
 TTGGAGGACCGCAGGTGCGACTGCAGCTCTGGGACACAGCTGGTCAGGAGAGGTTCCGC
 AGCCTGATCCCGAGCTACATCCGGGACTCCAGGTGGCTGGTGGTGTACGACATCAC
 AAATCTCAACTCCTTCAACAGACCTCTAAGTGGATCGACGACGTCAGGACAGAGAGGGG
 GCAGTGATGTTATCATCATGGCTGGNTGGGCAACAAGACGGACCTGGCTGATAGAGGCAA
 ATCCCCATCGAGGAGGGGAGCAGCGCCAAAACCTGAGCGTCATGTTTCATGAAGACAG
 TCGGAGACTGGCTACACGTGAGCAGCTTTTCGACTGGGGCGCTCGCTTACCCGATGGGAA
 AAGTCCAGAGAAGCAAGAGGGATGATGCATCAGCTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016577 unedited
 NNNTTTTTGTGGCCCGCGCGCCGATNCTANGATCGAGTTTTTTTTTTTTTTTTTTGT
 AGTTTAACACAATATGCATTATTTTATTGATGGCAAGACAATCACAAGTTATTTGACAA
 TATTAAGTATTTCTTATTTCAACACGTTGCAGTACTTTTGAATTTCCAAAACCTATCACA
 ATGCAAGTTCCAATTGAGAGCAGGAGAAACAAGAATATACATTGAGCACATGTATCTCC
 GTGAGGATGTGTTGTGGAAGGTGTATACACAAGTCTATCTATATATAATTATGTACA
 CACATATAAAAACTAAACACATGACATCTGAAACACGTTCAAACATTGGTCCTTGCTTC
 TGCAAGAGGTGCTCAGTGGGATCCTGCTTCTCTTCTTCTCACCTGAAGATAAATTCCTT
 GCTAGAGATGAGCTCTGGCATAAGCCTCCTAGGCAGAGGGTGTGTGGCAGGCCCACTGC
 ACAAATATCAGTCTGCCAGATTCTGCTGCACTTACTGCCTGCCATTTTCAGATTAATTTT
 TGAGAAGTTTCAAATTCATTCCAACGACCTTGTGGAGTTCAGCCACCATAACCCAGAT
 GGTCAATTCATCCATCTATGACATGCCAGCAGCAGCCTGGAGGGAGAGCCAATGACAGC
 AGGGAGGGTGGGGGTTTACATTTTGGCCAGACTCACTGCCATTGCACCTGGCTCTGTGC
 AGGCTCAGGGCAGTGAGTCTGAGTCTATTTGGAATGCTGGCCAAGTANGTTATATCACTT
 AGTGGGAAGNANAGATTCTCTTTAGAGACTTTGAGATTCTCAGGACTAAGCCATTNCT
 CAGAAATGATCANAATGGNAANAGATGGCTCTCTGGNGCAAGCAGCCTTCTGGAGACCC
 CACCTGACACATNNCTCAGTGACCCAGNGC

Restriction Sites:

NotI-NotI

ACCN:

NM_016577

Insert Size:

3270 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_016577.2, NP_057661.2</u>
RefSeq Size:	5395 bp
RefSeq ORF:	627 bp
Locus ID:	51560
UniProt ID:	<u>Q9NRW1</u>
Cytogenetics:	3q22.1
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	Seems to have a role in retrograde membrane traffic at the level of the Golgi complex. May function in retrograde transport in neuronal cells.[UniProtKB/Swiss-Prot Function]