

Product datasheet for **SC216100**

RAB23 (NM_016277) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RAB23 (NM_016277) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RAB23
Synonyms:	HSPC137
ACCN:	NM_016277
Insert Size:	2000 bp



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Insert Sequence: >SC216100 3'UTR clone of NM_016277
 The sequence shown below is from the reference sequence of NM_016277. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AATCCTTTTAGCAGCTGTAGCATACCCTAAGATGTTTTGGGAGGAAAACAATTGAATTACATTGTGCAA
TGCATTAAGAAACCCATCCAGCTGTCATGGTATGTTACAAGTTTTTCAGCAGACTTTGCTCCTAATGGC
TCTCTGAAAGTGACAGACTTAAATATTGCTCTGCAGTGTCTTTTTCAGAATGTAGAGTGAGACCTCTGGTG
GAAAAATTATTGCCCTGTGGACTCCTTTAATTTTTTTTACATTAGACGAAGCTTCTCCTGTTTGTAAAG
GAATGCTATAAGAAATTTCAAACACAGTTTTGCGGAATTTTAAATGCTGGAAAACATAAATGAAATGC
CTAAATATATTGTACAGATTTTAACTGTGGATCAAGGAAAGATAGCAAGCATTCTTTTCTGAAAT
TGGTCATGTAGCTTTTCTGCGAAATAGTATTGAATCTGAATACTTTCACAAAATAAATACTGAAAGGTAA
ACCCTAAATCTTGCCAGACTGCATTAGTATTTTGGCATTGAAACTTGTGCAATATCTGTGTAATGTAGA
ATGTGGGGTGTGCATGCAGATGTCTGGTACTGGAGTAAGCTGAAGGTATGTGCAGATTTTAAAGAAATG
TACATTCTAATTAATTCATTATAAAAACATTTACATATTGTGTATATGTTTTATTTTCAAATGATAA
ACTCTAGACATATATTTTGC AAAATGAGCTTGGGTTTTAAAAAGTGCTTTGTGCCAAAAATATCATACCT
AATTTTTATAGTGCTTTACTATCAGAAATTTATATTGTTTTATTATCTTTTAAAAGCAGTAAGCAGTTT
TCATCTGACAGCGTAGATAAAAAGAGGAGTATAGGAATTTGAATGCTAGAGCATCTCCAGGTGAGCCTT
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CCCCTTAAAGAGGTACACAGCACATCTGCAGTCATTCAGGAGTCTGTGAAGTGTGGTATGCATCTA
ACACCTTTTGTCTCACTGAGAACCAGCTTTGAACCTTACAAGATTACACTAACCATTTTTAAAGTGC
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TTTTGTTTACACATTTTTGTATGGTATTTTAAAGATTATCAATCACTTCAACATTTCTATAACCTGTTT
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ACTCTGTTAAAAGTATTACTCATCAATGGCTTTATTTTTAACCTATAAATAACCCCTTTCAATAT
ACCTGGTTTTTACAGCATTGCAAAATCTGTA AAAAATAACTTTTATTGGAAAATGCATGAAGTCATTTT
TCATTATTTGACTAAACAATGTTTTATGTACTCTTTTGTGTTTTATCTTTTGTTTTCCATCTGTAC
TCCCTCATCCTCCTAATGTTGAGAAAAATAAAATTTCTGGGTGTGCTCTGTTAAGTGATCAAAAGTA
AATGTTCTCTTTGCCATTTTAGATGAAAAATAAAAAAATTA AAAAGTAAATTTTTGCTTTTCATTAT
ATTGAAATGATCTGGCATTATCTATTTACAGTAATGTA AAAATGCTTATTTTTATGTCACCAGTTGTCA
CCTCCCATTTGCTGATAGTGACATAGTTTTGGGGGCAAAATTCAGTTCCTAACAAACAGTGGATACT
GCTAATGAGTCATCTTTTCTACTCTCTTCAATTTTCTACTCTCTACTCTCTCTTTAATTTTTGCACAA
AATAACTTTGCAACAAATAGTCTTTTGTCTTTATTGGCAGAAAAATCACTTGTATATGTGTTCTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_016277.5](#)

Summary: This gene encodes a small GTPase of the Ras superfamily. Rab proteins are involved in the regulation of diverse cellular functions associated with intracellular membrane trafficking, including autophagy and immune response to bacterial infection. The encoded protein may play a role in central nervous system development by antagonizing sonic hedgehog signaling. Disruption of this gene has been implicated in Carpenter syndrome as well as cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Locus ID: 51715

MW: 77.9