

Product datasheet for **SC206967**

RUFY1 (NM_001040452) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RUFY1 (NM_001040452) Human 3' UTR Clone
Symbol:	RUFY1
Synonyms:	RABIP4; ZFYVE12
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001040452
Insert Size:	523 bp
Insert Sequence:	>SC206967 3'UTR clone of NM_001040452 The sequence shown below is from the reference sequence of NM_001040452. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCAGCGCTGCTCCTCCACGGCCTCCTGAACGTCCGTCCTCAGGAGCACAGCCTCACGGACAGTGCCA
AACCTGTGGGTCTCCAGGGCTTGGGAAATGTGTTCTTTCCCAAGAGTATCAAAGGAAAGAATCAAAT
TTCTTGCCGGTCACTGGCACTCCAGAAGACAGCGTGCCGGAACCGGCAGCTCTCACCTTTCTGTGACT
TGTTCGGAATTAACCTCTGGATGGAACTTCCATCTTACTTGGTTACATCACGGCTCTGGTTCAGAT
ACAACTTCATGATTTTGCTACTATCATTTTTCACTTTTCAAAGAATTTAACCTATTTTACAGCAGTTCA
GTTCTGCTAGTGAGTAGTTTTCTCCTACCTTCTTCTAAAAACCTGATTCATGCACAGCGTTTGAC
ACACATGGAGTCTGCCAGTGTGCCTTCTGCTTCAGACAAGAGATCTGCCATTTTCATGCCCTTGTGAC
TACCTATCATTGGCCCTGCAATAAAATCATTTATTTTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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:	<u>NM_001040452.3</u>
Summary:	This gene encodes a protein that contains a RUN domain and a FYVE-type zinc finger domain. The encoded protein binds to phosphatidylinositol-3-phosphate (PI3P) and plays a role in early endosomal trafficking, tethering and fusion through interactions with small GTPases including Rab4, Rab5 and Rab14. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]
Locus ID:	80230
MW:	19.3