

Product datasheet for SC211798

RFTN1 (NM_015150) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RFTN1 (NM_015150) Human 3' UTR Clone
Symbol:	RFTN1
Synonyms:	MIG2; PIB10; PIG9; RAFTLIN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015150
Insert Size:	1013 bp
Insert Sequence:	>SC211798 3'UTR clone of NM_015150 The sequence shown below is from the reference sequence of NM_015150. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGAGAGCTTGGTACGGTTGAAGAAACTGAGTCTTGGGCAATTTGTGCTAAACTAGGTGAGTTGCCAA
ACCCAAGGCATCTTACCAACAGCTGGTTTGGGGGCTGGTTCCCTGGTGTGTGTGTACCTACCTTT
GGCTTGGCTTGACCTCTCTTGTGAGCTCACCTGAGCCCTCCAGGGCCAGGTTCTGACAGTGTGGT
TTTTGCACATCCACTGGAAAGGTGTCATTAATGACCCAGTGTTAGAATGCAAGAGGTGAGTTATTCTA
GCCCTCATGGCTGAAGGCCAGTCTGGCTCCACCACTCTCCAGCCAGAGGGTCTGGACCATCCAGTG
CCTGTCTCGCCACAGGGCTCCAGGGAGCATTGGGTCAAATCCATGGACACCTGGGGTACAAACCA
AGGCTGTCTTTCATCCACATCGTGTGGGCGAGTGCCATCCCCTGCAGCTACTTGGTGACTTAACAAC
TCCAGGAGCCCTGTCAGCTGCCCTCCTCCACCTAAACCCCTTCGACTCTTCTGCTTTGACAAAGAAAAT
GACATTGGGGAGGGGAGGTGCTCCGCTCCAGCTTTTCTCAAAATAGTCTATAGATACTGGTAATCT
GGAAATGAAGAAGTAATTCTGTCTCTGCACCTACTTTTGAGAATGTTCAAGGAAGTATTCTGTGTAG
TATTAATGCCAAAAAGTTGTTTTAAAGGTTTTGTAAGTCAAGCAATCATACAAACCACATTACTTCTGT
CACTTCAGGGCATCGGGACTGGCTGGCGCCCTTGTATGTGCTATTTAATCAGTGTAACATTGGTCAA
GTTGTTACCCATGTATGCTGTGTTTATCATGTGTATATCGTCCAGAAAGTATTAAGGCTTTAGGTAGAT
GCAACTGGCGAACCTTGGAGAGGAATGCTGATTGTCTTGACCAACCCACAGCCTGTCTCTTCTTGTG
TTAGTTACTTACGGCAATAAATCATCTATGAGTTAGTGACCGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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_015150.2</u>
Summary:	Involved in protein trafficking via association with clathrin and AP2 complex (PubMed:27022195, PubMed:21266579). Upon bacterial lipopolysaccharide stimulation, mediates internalization of TLR4 to endosomes in dendritic cells and macrophages; and internalization of poly(I:C) to TLR3-positive endosomes in myeloid dendritic cells and epithelial cells; resulting in activation of TICAM1-mediated signaling and subsequent IFNB1 production (PubMed:27022195, PubMed:21266579). Involved in T-cell antigen receptor-mediated signaling by regulating tyrosine kinase LCK localization, T-cell dependent antibody production and cytokine secretion (By similarity). May regulate B-cell antigen receptor-mediated signaling (PubMed:12805216). May play a pivotal role in the formation and/or maintenance of lipid rafts (PubMed:12805216).[UniProtKB/Swiss-Prot Function]
Locus ID:	23180
MW:	36.9