

Product datasheet for SC124531

RFP2 (TRIM13) (NM_052811) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RFP2 (TRIM13) (NM_052811) Human Untagged Clone
Tag:	Tag Free
Symbol:	RFP2
Synonyms:	CAR; DLEU5; LEU5; RFP2; RNF77
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124531 sequence for NM_052811 edited (data generated by NextGen Sequencing)

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ATGGAGCTGCTTGAAGAAGATCTCACATGCCCTATTTGTTGTAGTCTGTTTGATGATCCA
CGGGTTTTGCCTTGCTCCCACTTCTGCAAAAATGCTTAGAAGGTATCTTAGAAGGG
AGTGTGCGGAATTCCTTGTGGAGACCAGCTCCATTCAAGTGTCTACATGCCGTAAGGAA
ACTTCAGTACTGGAATTAATAGCCTGCAGGTTAATTACTCCCTGAAGGGTATTGTGGAA
AAGTATAACAAGATCAAGATCTCTCCAAAATGCCAGTATGCAAAGGACACTTGGGGCAG
CCTCTCAACATTTCTGCCTGACTGATATGCAGCTGATTTGTGGGATCTGTGCTACTCGT
GGGGAGCACACCAACATGTCTTCTGTTCTATTGAAGATGCCTATGCTCAGGAAAGGGAT
GCCTTTGAGTCCCTCTCCAGAGCTTTGAGACCTGGCGTCGGGGAGATGCTCTTTCTCGC
TTGGATACCTTGAAACTAGTAAGAGGAAATCCCTACAGTTACTGACTAAAGATTCAGAT
AAAGTGAAGGAATTTTTGAGAAGTTACAACACACACTGGATCAAAGAAGAATGAAATT
CTGTCTGACTTTGAGACCATGAACTTGCTGTTATGCAAGCATATGACCCAGAGATCAAC
AACTCAACACCATCTTGCAAGGACCAACGGATGGCCTTTAACATTGCTGAGGCTTTCAA
GATGTGTCAGAACCCATTGTATTTCTGCAACAGATGCAGGAGTTTAGAGAGAAAAACAA
GTAATCAAGGAACTCCTTTACCTCCCTAATTTGCCTGCAAGCCCTTTAATGAAGAAC
TTTGATAACAGTCAGTGGGAAGACATAAACTAGTCGATGTGGATAAACTTTCTTTGCCT
CAAGACACTGGCACATTCATTAGCAAGATCCCTGGAGCTTTTATAAGTTATTTTTGCTA
ATCCTTTGCTTGGCCTTGTCATTGTCTTTGGTCTACCATGTTCTAGAAATGGTCATTA
TTTGATGACCTGGCAACTTGAAAAGGCTGTCTTTCAAACCTCAGTTCCTATCTGACTAAA
ACAGCCGATTTTATAGAACAATCAGTTTTTTACTGGGAACAGGTGACAGATGGGTTTTTC
ATTTTCAATGAAAGATTCAAGAATTTTACTTTGGTGGTACTGAACAATGTGGCAGAATTT
GTGTGCAAATATAAACTATTATAA

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Clone variation with respect to NM_052811.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_052811 unedited
 CATTGTATACGACNACTATAGGCGGCACGCGAATTCGCACCATACCGTGCGGTCCCTGT
 AGTTGGAGGACGGGCGGTGCGCGGCCTTTCCCACTATCCGGAGGTCGGAGATAAGTACC
 CGCCGCCCGGCTCCTCTCGGAAAGCGGGTGGTCTCGAACCTTCAGCGAGGGTGGGA
 GTTGCCATTAGCCTCTATTTGTTAGTCAAACGTGAAAAAAGACCTGCTTTGCCCT
 GGGAAATAGTAACCCTGCCAAATACATCAGCTTGTAGGATACAGATGATGTGATGGAGCT
 GCTTGAAGAATATCTCACATGCCCTATTTGTTGAGTCTGTTTGATGATCCACGGGTTTT
 GCCTTGCTCCCAACTTCTGCAAAAAATGCTTATAAGGTATCTTATAAGGGAGTGTGCG
 GAATTCCTTGTGGAGACCAGCTCCATTCAAGTGTCTACATGCCGTAAGGAACTTCAGC
 TACTGGAATTAATAGCCTGCAGGTTAATTACTCCCTGAAGGGTATTGTGAAAAAGTATAA
 CAAGATCAAGATCTCTCCAAAATGCCAGTATGCAAAGGACACTGGGGCAGCCTCTCAA
 CATTCTCTGCCTGACTGATATGCAGCTGATTTGTGGGATCTGTGCTACTCGTGGAGAC
 CACCAAACATGTCTTCTGTTCTATTGAAGATGCCTATGCTCAAGATAGGGATGCCTTTGA
 GTCCTCTTNCAGAGCTCTGAGACCTGGCGTCAGGAGAGATGCTTTTTCTCGCTAGGAT
 ACNCTGGATACTAGTAAGATGATATCCCTACAGNACTGACTAAAGATTCAGATAAAGTG
 AATGGACTTTTCTGAGAAGTACCACCACACTGGATCAAAGAAGATGAAATNCTGTCTGAC
 TCTGAGACATGAANCTNGNCTGTATGCAGCTATGACCCAAGATCACATACTCATCACAT
 CTTTGCAGGCAACGGATGGCCTTACATGCTGAGCTTCAAGATGTGCAGATCCATGGATT
 NCTGACAGATGCAGATTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_052811 unedited
 NNAACCCATCTTTATGTACCGCGCCGCTCTCGATGATCGATTTTTCTTTTTTTTTT
 TTCAGATTTTATAATAGTTTATATTTGCACACAAATTCTGCCACATTGTTCAAGTACCACC
 AAAGTAAAATTCTGAATCTTTTATTGAAAATGAAAACCCATCTGTACCTGTTCCAG
 TAAAAAAGTATTGTTCTATGAAATCGGCTGTTTTAGTCAGATAGGAACTGAAGTTTGA
 AGACAGCCTTTCCAAGTTGCCAGGTCATCAAATAATGACCATTCTAGGAACATGGTAGGA
 CCAAAGACAATGACAAGGCCAAGCAGAAGGATTAGCAAAAATAACTTATAAAAGCTCCAG
 GGAATCTTGCTAATGAATGTGCCAGTGTCTTGAGGCAAGAAAGTTTATCCACATCGACT
 AGTTTTATGTCTTCCCACTGACTGGTATCAAAGTCTTTCATTAAGGGCTTGCAGGCAAA
 TTAGAGGAGGTAAGGAGTTTCTTGTACTTTGATTTTCTCTCTAACTCTGCATC
 TGTTGCAGAAAATACAATGGGTTCTGACACATCTTGAAGCCTCAGCAATGTTAAAGCC
 ATCCGTTGCTCCTGCAAGATGGTGTGAGTTTGTGATCTCTGGGTCATATGCTTGCATA
 ACAGCAAGTTTCTGGTCTCAAAGTCAGACAGAATTTCTTCTTTTATCCAGTGTG
 TGTTGTAACCTTCTCAAAAATTCCTTCACTTTATCTGAATCTTTAGTCAGTAACTGTAGG
 GATTTCTCTTACTAGTTTCCAAGGTATCCAAGCGAGAAAGAGCATCTCCCGACGCCAG
 GTCTCAAAGCTCTGGAAGAGGGACTC

Restriction Sites:

NotI-NotI

ACCN:

NM_052811

Insert Size:

1700 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:	<ol style="list-style-type: none">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_052811.2, NP_434698.1</u>
RefSeq Size:	6861 bp
RefSeq ORF:	1224 bp
Locus ID:	10206
UniProt ID:	<u>O60858</u>
Cytogenetics:	13q14.2
Domains:	zf-B_box, RING
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This gene is located on chromosome 13 within the minimal deletion region for B-cell chronic lymphocytic leukemia. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared variant 1. Variants 1, 2 and 3 encode the same protein (isoform 1).</p>