

Product datasheet for **SC310432**

RFP2 (TRIM13) (NM_005798) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RFP2 (TRIM13) (NM_005798) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM13
Synonyms:	CAR; DLEU5; LEU5; RFP2; RNF77
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310432 representing NM_005798. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGAGCTGCTTGAAGAAGATCTCACATGCCCTATTTGTTGTAGTCTGTTTGATGATCCACGGGTTTTG
CCTTGCTCCCACAACCTTCTGCAAAAAATGCTTAGAAGGTATCTTAGAAGGGAGTGTGCGGAATTCCTTG
TGGAGACCAGCTCCATTCAAGTGTCTACATGCCGTAAGGAACTTCAGCTACTGGAATTAATAGCCTG
CAGGTTAATTACTCCCTGAAGGGTATTGTGAAAAGTATAACAAGATCAAGATCTCTCCAAAATGCCA
GTATGCAAAGGACACTTGGGCAGCCTCTCAACATTTTCTGCCTGACTGATATGCAGCTGATTTGTGGG
ATCTGTGCTACTGTGGGAGCACACCAACATGTCTTCTGTTCTATTGAAGATGCCTATGCTCAGGAA
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GATACCTTGAAACTAGTAAGAGGAAATCCCTACAGTTACTGACTAAAGATTCAGATAAAGTGAAGGAA
TTTTTTGAGAAGTTACAACACACTGGATCAAAAAGAAGTAAATTTCTGTCTGACTTTGAGACCATG
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GAGTTTAGAGAGAAAATCAAAGTAAATCAAGGAACTCCTTACCTCCCTAATTTGCTGCAAGCCCT
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CCTCAAGACACTGGCACATTCATTAGCAAGATCCCTGGAGCTTTATAAGTTATTTTGTAAATCCTT
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ACTTGGAAAGGCTGTCTTCAAACCTCAGTTCCTATCTGACTAAAAACAGCCGATTCATAGAACAATCA
GTTTTTACTGGGAACAGGTGACAGATGGGTTTTTCAATTTCAATGAAAGATTCAAGATTTTACTTTG
GTGGTACTGAACAATGTGGCAGAATTTGTGTGCAAAATAAACTATTAAACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:	□
ACCN:	NM_005798
Insert Size:	1224 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_005798.4
RefSeq Size:	6776 bp
RefSeq ORF:	1224 bp
Locus ID:	10206
UniProt ID:	O60858
Cytogenetics:	13q14.2
Domains:	zf-B_box, RING
Protein Families:	Transmembrane
MW:	47 kDa
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 (1) represents the shortest transcript and encodes the same protein (isoform 1) as variants 2 and 3.</p>