

## Product datasheet for **SC303798**

### RFPL3 (NM\_006604) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RFPL3 (NM_006604) Human Untagged Clone
Tag:	Tag Free
Symbol:	RFPL3
Synonyms:	RNF120
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303798 representing NM_006604. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCACTCTCCAAGAAGCAAGCAGCTGTCCCGTCTGCTCAGACTATCTGGAAAACCAATGTCC
CTGGAGTGTGGATGCACCGTCTGCCTCAAGTGCATCAATTCGCTGCAGAAGGAGCCCATGGGGAGGAT
CTGCTTTGCTGTTGCTGTTCCATGGTCTCTCAGAGGAACAAAATCAGGCCAATCGGCAGCTAGAGAGG
CTGTTTTCCACATCAAGGAAGTGGAGCCCAAGCTGAAGAAGATTCTACAGATGAACCAAGGATGCGG
AAGTTCCAAGTGGATATGACCTGGATGCCGACACAGCCAACAACCTCCTCCTCATTCTGACGACCTC
AGGAGCGTCCGAAGTGGGCTCATCACACAGAATCGGCAAGACCTTGCCGAGAGATTTGACGTGTCCGTT
TGCATCCTGGGCTCCCCTCGCTTTACCTGTGGCCGCACTACTGGGAGGTGGACGTGGGAACAAGCACA
GAATGGGACCTGGGAGTCTGCAGAGAATCTGTTCACTGCAAAGGGAAGATCCAGCTGACCACAGAGCTT
GGATTCTGGACTGTGAGTTTGGGGATGGAAGCCGCTCTCTGCCAGCACGGTGGCCGCTGACTTTCTC
TTAGTAGACCGCAAGTTACAGCGAGTGGGGATTTTCTGGATATGGGCATGCAGAACGTTTCTTTTTT
GATGCTGAAAGTGGTTCCCATGTCTATACATTCAGGAGCGTCTCTGCTGAGGAGCCACTGCGCCATTT
TTGGCTCCTTCAATCCACCTAATGGTGATCAAGGTGTCTTGAGCATCTGTCCTTTGATGAACCTCAGG
ACTACTGATGCTCCAGTCCGTCCTGGGGAGGCCAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_006604
Insert Size:	867 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_006604.2</a></u>
<b>RefSeq Size:</b>	1214 bp
<b>RefSeq ORF:</b>	867 bp
<b>Locus ID:</b>	10738
<b>UniProt ID:</b>	<u><a href="#">O75679</a></u>
<b>Cytogenetics:</b>	22q12.3
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	32.2 kDa
<b>Gene Summary:</b>	<p>(Microbial infection) Stimulates the activity of Human Immunodeficiency Virus 1/HIV-1 pre-integration complex.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' exon and differs in the 5' UTR, compared to variant 1. These differences cause translation initiation at a downstream AUG and an isoform (2) with a shorter N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>