

Product datasheet for **SC301801**

LRRC67 (PPP1R42) (NM_001013626) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC67 (PPP1R42) (NM_001013626) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC67
Synonyms:	dtr; LRRC67; TLLR; TLRR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301801 representing NM_001013626. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTTCGACTGACCTTGGATCTAATTGCCAGAAACAGCAATCTTAAACCCGAAAAGAAGAACCAT
TCACAGTGCCTGAAGAAAATAACTCATATAAATTTTCAGACAAAAATATAGATGCAATTGAAGACCTC
TCTCTTTGCAAAAATCTTAGTGTTTTATTTATATGATAATTGTATTAGTCAAATCACTAACCTGAAT
TATGCCACAAATCTGACCCACTGTACCTACAAAACAATTGTATTTTCATGTATAGAGAACCTCAGGTCA
TTAAAGAAACTGGAAAACCTGTATCTGGGAGGCAATTACATTGCTGTATAGAAGTTTAGAAGGATTA
GGAGAATAAGAGAGCTTCATGTTGAGAATCAGAGGCTTCCCCTGGGGAAAAGCTTCTGTTTGATCCA
AGAACTCTCATTCTCTGGCAAAATCCCTCTGTATATTGAATATCAGCAATAATAATATTGATGACATT
ACAGACTTAGAACTACTAGAGAATCTTAATCAGCTCATAGCCGTTGACAACCAACTTCTGCATGTGAAG
GATTTGGAGTTTTTACTGAACAAGTTGATGAAGCTGTGGAAAATTGATCTAAATGGAAATCCTGTTTGT
CTCAAACCAAAATACAGGGACAGACTGATTTGGTGTCCAAATCACTGGGTACATATTTATATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001013626
Insert Size:	687 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).



[View online »](#)

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_001013626.2
RefSeq Size:	1111 bp
RefSeq ORF:	687 bp
Locus ID:	286187
UniProt ID:	Q7Z4L9
Cytogenetics:	8q13.1
MW:	26.2 kDa
Gene Summary:	<p>The protein encoded by this gene can interact with gamma-tubulin and PP1 phosphatase, a regulator of centrosome separation. The encoded protein is a positive regulator of PP1 phosphatase and thus plays a role in the control of centrosome integrity. [provided by RefSeq, Feb 2017]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>