

Product datasheet for **SC305063**

LRRC19 (NM_022901) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC19 (NM_022901) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC19
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC305063 representing NM_022901.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

TGCCGTTGAAACAGAGTTAATTTCTTTAGCACACAAGTCTTAGAGACAAAAGAAAAAGGCTGCAA
 CATGAAAGTCACAGGCATCACAATCCTCTTTGGCCCCCTCCATGATATTATTATCAGACAAAATCCA
 GTCTTCTAAAAGAGAAGTCCAATGTAATTTTACTGAAAAAATTATACCTTGATTCCAGCAGATATCAA
 GAAAGATGTTACTATACTTGATCTCAGTTATAACCAAATTACTCTTAATGGTACAGACACAAGAGTCT
 ACAGACATACTTTTTACTCACAGAGCTCTATTTGATTGAGAACAAGGTTACTATCTTACATAATAACGG
 TTTTGGTAACCTCTCCAGTCTAGAAATTTAAATATCTGTAGAAACTCCATCTATGTAATTCACAGGG
 TGCATTTTTAGGCTTAAATAAACTAAAACAGTTATATCTCTGCCAAAACAAAATAGAACAACGAATGC
 TGATGTATTTGTGCCTCTAAGAAGCCTAAAACCTCTGAATCTGCAAGGCAATTTGATTAGCTATTTGGA
 TGTACCACCACTATTTCTGGAATTAATAACCTTATATGAAACCTATGGAAGTCTCTTGCAGTCT
 ATTTAATTTGAGAAGTGGTGAACACATCAAATGTGACATTAGAAAATGAGAACATCACCATGTGTAG
 CTACCCCAACAGCCTGCAGAGCTACAATATCAAAACAGTACCTCATAAGGCTGAATGCCACTCAAATT
 TCCTTCATCAGTAACTGAAGATCTTTATATTCATTTTCAGCCCATCAGCAATTCAATATTTAATAGCTC
 TTCGAACAACTTAACAAGAAATTCAGAACATGAACCTCTTGAAAAAGTTGGGCTTTTCTTGTTGGTGT
 TGTGTCACTGTACTGACGACTTCACTTCTCATTTTTATTGCTATCAAATGCCCAATATGGTACAATAT
 TCTGCTTAGTTATAATCATCATCGCCTGGAAGAGCATGAAGCAGAAACCTATGAAGATGGTTTTACTGG
 AAATCCAAGCTCTCTTTCACAGATACCAGAAACAACTCTGAAGAACTACAGTAATATTTGAACAATT
 ACATTCATTTGTGGTAGATGATGATGGATTTATTGAAGACAAATATATAGATATCCATGAATTATGTGA
 AGAAAAATTAATTTCTTTCAAAGTTTGTCTTTTAAAGCAAAGTTATCAGCTCACTCAGTTTAGATATGGA
 GATTTTGCTATGTGACATAACAAAATACAGCTGGCAGGCATTATTAATGACAACATACATGAATAT
 CATAAAATTATGTTCTTTGCATTATATTGAGCAAGCAGGTTCAAATACAGTAAGTACACTCCTCGGTA
 GTTGACAGTTACATAGTCTACAATACTAGCACTACTATTCTTAGCAGTGCTTGGGTGACCATACGAAC
 AGTAAAAAGGTCTAAATTATTCATGAATTAATAATGAATGGATTCTCATATTAACACAGGTATTTGACAT
 AATATGTATTAAGTTATACTAATGTTTCAATCAGTAAAGAAATAAAAGTTTAGGATTTATTAATATATG
 GAAGTCAAAGTGAGGAACAGAGATAGCTTAAATAATACTAAGATTGATTTTATGCTCCAGATAAAA
 ATCATAGAGTTGGAATAATTTTTTTGAAATGCTTCTGAAATAGCACAATAAATTTCTTAAATTTTC
 ATAGCAAGTTAAAGCACAAGCACAATGTTCAAGCATAATCCCTAATAAGTCACTATTGATTCTGGTTAT
 AAAGAAAGGCTGTCACCATAATGCAGGATCACTACAGTTTAATGTCATACTGGCTCCAAAGTGGGCAT
 CACAATTATCTATAAATCTTGTTTTAAAAATACATATTTCTACCTCTCTCTGGGAGATTTTATTCAA
 TTGGTCTGTGCTGACACTAAGGAATCTTCATGTGGTCCATGGACAGCTATTTCTATCTATTCAGTAGAT
 AGAGCAATGTTTCCCAAATTGTTTTCTAGAATACTAATTTCCAGAGAGACATTCACAAGTATTTACAG
 AAGAAGGAGGTACATGGTCAAATTAACAGGAAAACTAGTAGTTTAAACAAGGTGAAACAAGATTCT
 TTTTCTTTTTTTTTTTTTTTTTGAGACAAAGTCTCGCACTGTCTCCAGGCTGGACTGCAGCAGCGCA
 GTCTCGAATCACTGCAACCTCCGCTCTGGGTTCAAGCAATCTTCTGACTCAGCCTCCCGAGTAGCT
 GGGAGTACAGGTGCACACCACCATGCCTGGCTAATTTCTGTATTTTATAGTAGACAGGGTTTACCAT
 GTTGGCCAGGCTGGTCTCGAACGCTGACCTCATGATCTACCCGCTCGGCTCCCAAAGTCTGGGAT
 TACAGGCATGGAGCACCGT

Restriction Sites: SgfI-MluI

ACCN: NM_022901

Insert Size: 2434 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_022901.1
RefSeq Size:	3160 bp
RefSeq ORF:	2434 bp
Locus ID:	64922
UniProt ID:	Q9H756
Cytogenetics:	9p21.2
Protein Families:	Transmembrane
MW:	95.3 kDa
Gene Summary:	Pathogen-recognition receptor which mediates the activation of TRAF2- and TRAF6 NF-kappa-B signaling pathways and induces the expression of proinflammatory cytokines (PubMed:19679103, PubMed:25026888). In kidney, prevents infection by uropathogenic bacteria by inducing the production of cytokines, chemokines and antimicrobial substances. In gut, involved in host-microbiota interactions, plays a critical role in promoting the recruitment of immune cells and intestinal inflammation (By similarity).[UniProtKB/Swiss-Prot Function]