

Product datasheet for **SC319665**

LRRC45 (NM_144999) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC45 (NM_144999) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_144999.2
 CTGCTTCTGCACGGGTGGTCCCCAAGCACTGCGGGACCCAGCCCAAAGCGGACCTTGA
 CTACCGCCAGCCCCGCGCTCCCAGGACCTCCCGCCGCGGAGCCCACTCGGATTGCTCT
 CCGCCCGGGTCGGCGGAGGCCCGTCTCCTGTACCCGGCGCTGGGACTGCTCCGACCCG
 GCGGCTCCCTTTACGAGCTGCGGGAGCATGCGGAGGAGGCCCTGCCGGCCCGCGGGT
 ATGGAGGAGTTCCGGCGCTCCTACAGCCGCTGTGCAGGAGAGTGGGGCCGAGCCCCAG
 GAGGCTGTCCTGCAGAGCTGCACCACTTCCCAGGGGCGGCTGGACCTGGCCACGCAA
 AGCCTGACGGTGGAGACCTGCAGGGCCCTGGGCAAGCTGCTGCCGAGGGAGACGCTGTGC
 ACGGAGCTGGTCTGAGTGACTGCATGCTCAGCGAGGAAGGGGCCACACTGCTGTCCGA
 GGCCTGTGTGCCAACACCGTGCTGCGCTTTCTGGACTTAAAGGGCAACAACCTTCGGGCT
 GCAGGGGCGGAGGCTCTGGGAAACTCCTCCAACAGAACAAGTCCATTACAGGCTCACG
 CTGGAGTGAACAGCCTGGGCACGTGGGACGATGCCTTCGCCACCTTCTGCGGGGCGCTG
 GCGGCCAACGGCGCCCTGCAGCGGCTGGACCTCCGCAACAACAGATCAGTCACAAGGGC
 GCGGAGGAGCTGGCCCTAGCCCTGAAGGGCAACACCACCTCCAGCAGCTGGACCTGCGC
 TGGAAACGTTGGCCTCCTGGGGGCGCGGCCCTCATGAAGTGTCTCCCGAGCAACAGA
 ACCCTGTGGAGACTGGACCTGGCTGGGAACAACATCCCTGGAGACGTCTCAGAGCCGTG
 GAGCAAGCCATGGGCCACAGCCAGGACCGGCTCACACCTTCCAGGAGAACCAAGCCCGC
 ACTCACGTCTCAGCAAGGAGGTCCAGCACCTCCGGGAGGAGAAGTCCAAGCAGTTCTCTC
 GACTTGATGGAGACTATTGATAAGCAGCGAGAAGAGATGGCCAAGAGCAGAGGGCGTGC
 GCAGCCCGTGTAGGGCAGCTTACGGAAGCCCTGAATGAGAGGCACTCCATCATCAACGCT
 CTCAAGGCCAAGTGCAGATGACAGAGGCGCCCTGGCTCTGTGCGAGCAGAAGGCCAG
 GACCTGGGGGAGTCTTGCCACAGCGGAGCAGGAGCAGCTGAGCCTGTACAGAGGCGAG
 GCCAAGGAGCTCAAGCTGGAGCAGCAGGAAGCTGCAGAGCGGGAGTCTAACTCCTCAGA
 GACTTGTCTGCTGCCAATGAAAAGAACCCTGCTTCTGCAAAACCAGGTAGACGAGTTGGAG
 CGGAAGTTGAGGTGTGAGCAGGAGCAGCTGTTCCAGACCAGGAGGAGATGACCAGCATG
 TCAGCTGAGCTGAAGATGCGGGCCATCCAGGCCGAGGAGCGCTGGACATGGAGAAGAGA
 AGATGCAGACAGAGCCTGGAGGACTCCGAAAGCCTGCGCATCAAGGAGGTGGAGCATATG
 ACCCGTCACTGGAGGAGAGTGAGAAGGCCATGCAGGAGCGGGTGCAGAGGCTGGAGGCG
 GCGCGGCTGTCCCTGGAGGAGGAGCTGAGCCGAGTGAAAGCAGCGGCACTCAGCGAGCGT
 GGCCAGGCTGAGGAGGAGCTGATCAAGGCCAAGAGCCAGGCCCGCTGGAGGAGCAACAG
 CGCTTGCTCACCTGGAGGACAAGCTGAGACTGCTGGCGCAGGCACGGGACGAGGCGCAG
 GCGCTTGCTTACAGCAGAAGCAGGTGGTGGCCGAGGCCAGACCCGGGTGAGCCAGCTG
 GGCTGCAAGTTGAGGGCTGCGGCGGCGCTGGAAGAGCTGCAGCAGGAGCTGAGCCTC
 AAGGACCAGGAAAGGGTGGCCGAGGTGAGCAGGGTGCGCGTGGAGCTGCAGGAGCAGAAC
 GGCCGGCTGCAGGCGGAGCTGGCGGCTCAGGAGGCGCTGAGGGAGAAGGCGGCGGCCCTG
 GAGCGCCAGCTGAAAGTGATGGCGAGCGACACCGAGAGGCGCTGCTGGACAGGGAGAGC
 GAGAACCGCTCTCTCCGGGAGAAGCTGCGGCTCCGGGAGGCGGAGATCGCCCGCATCCGG
 GACGAGGAGGCCAGAGGGCGAGCTTCTGCAGAACGCCGTCTTGCTTACGTGCAGGCG
 TCCCCGTGAGGACCTGAGCCCCCAAGTGAGACAGGCCGGGAGGACCCGGGCGCAGT
 AGGAGTGATCAGGCGGCGCCGAGATGGACAGGGGCTGCGTCCCGCCCGCGCCGCTC
 TTTGAGACCCGGGTGCTGTGTTCCAGCGGCGGTTGCGGCGACTGTTGGTGGTGTGCGCG
 CTGCGGGGGAACCCGTGGGAGGCGCTGGGAAGGGCTCCCTACCGGCCCTTCTTCCG
 GTCGACGCCAGTGGGAGCACACGGGAAGGGTCCCAGGGGCGGCTCTCCCCCTGCGCT
 TTTGCGATGTACCGTGAACGCTGCGGCCGCTGCGCGCGGCGGGGTTTGGAAATACAGC
 GCGTTTGCACTTTGTGATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_144999

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.
RefSeq:	<u>NM_144999.2</u> , <u>NP_659436.1</u>
RefSeq Size:	2639 bp
RefSeq ORF:	2013 bp
Locus ID:	201255
UniProt ID:	<u>Q96CN5</u>
Cytogenetics:	17q25.3
Domains:	LRR, LRR_RI
Gene Summary:	Component of the proteinaceous fiber-like linker between two centrioles, required for centrosome cohesion.[UniProtKB/Swiss-Prot Function]