

Product datasheet for **SC321714**

LRRC18 (NM_001006939) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC18 (NM_001006939) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC18
Synonyms:	UNQ933; UNQ9338; VKGE9338
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_001006939.2 <pre> CTGGGACTAGCAGGTTTTTCATGATTTTCCTCAGCTGATCACTATCCAATCAGAACAA TAAACTTCTAACACTCCCTTACTAAAAGAACATGGTTAAGGGTGAGAAAGGCCCAAGGG CAAGAAGATCACCTCAAGGTGGCCAGGAATTGCATCAAAATCACTTTTGATGGGAAAAA GCGCCTTGACTTGAGCAAGATGGGAATTACCACCTTCCCCAAGTGATTCTGCGCCTTAG TGACATGGACGAGCTGGACCTTAGCCGGAATCTTATCAGGAAGATCCCTGACTCCATCTC CAAGTTCCAGAACCTCCGGTGGCTGGACCTGCACAGCAACTACATAGACAAGCTGCCTGA GTCCATTGGCCAGATGACCAGCCTGCTCTACCTCAACGTGAGCAACAACCGGCTGACCAG CAACGGGCTGCCGTGGAGCTGAAGCAACTCAAGAACATCCGCGCTGTGAACCTAGGCTT GAACCACCTGGACAGCGTGTCCACCACACTGGGGGCCCTGAAGGAGCTCCACGAGGTAGG GCTCCATGACAACCTACTGAACAACATCCCGTGAGCATCTCAAGCTCCCCAAGCTGAA AAAGCTCAACATAAAGCGGAACCCCTTTCCAAAGCCAGGTGAGTCGAAATATTCATAGA CTCCATCAGGAGGCTGGAGAACTGTATGTTGTGGAGGAGAAGGATCTGTGTGCGGCTTG CCTGAGAAAAATGCCAAAACGCCGGGACAACCTGAATAGAATCAAGAACATGGCCACGAC GACACCGAGAAAGACCATCTTTCCCAATCTGATCTCACCAATTCCATGGCCAAGGACTC CTGGGAAGACTGGAGAATACGCTTGACATCTTCTAGAGTAGCTGTGGCAAAATCTTGAA GACTACTCAGCTAACAGAATAAACGACTCTGAAGAGGAGAAGCCCCAGTTAGGAGAAGA CAGAGTGGCAAGTGAGATGTTCTGGAAACCAGGCTCGCCGGAGCTGGCCAAGCCACCGAC TTGCTTCTCAAATTCACCTCACCTCCCTTAGCTTTAGCCACCTGTGTGTGAAAAATGACT TTGGGAAATATTTGATGTGGTTTTTAAATGTATATAGAAAAAATTTAAGAAAATTACA GATTATATATTATAGACAATAAATATTTAAGACTTTAAGACTTTAAAGGCTTACTGCCT CTACATTTCACTCAGACTAGTACATCTCAATGCCAGTAGTCTGTGATAAATTTATGTAGG TATAATGAGATACTGATATGGTTTGGGCATTTGTCTCTCCAAACCTCATGTTGAGATTT GATCCCCAGTGTTGGAGGTGGGGCCTAATGGAAGGTCATGGGGGTGGGTCCCTCATGAAT GGCCTGGTGCCATCCTTTTGGTAATGAGTGAGTTCTCACTGTATTAGATCCTGTTGAAAA TTGATTGTAAAAAGACCTTGGCACCTCCCTCTCTCTCTCTCTCTCTCTCACTATGT GATGCCTGCTCCCTTCACCTTCCACCATGAGTGAAGCACCTATACCCCAAAGCCCTCA CCAGAAGGAGGTGCCGGCACCTGTACAGCTTGAAGAACCATGACTCAAATAAACTTCTT TTCTTTATAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001006939
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:	NM_001006939.2 , NP_001006940.2
RefSeq Size:	1653 bp
RefSeq ORF:	786 bp
Locus ID:	474354
UniProt ID:	Q8N456
Cytogenetics:	10q11.23
Gene Summary:	May be involved in the regulation of spermatogenesis and sperm maturation. [UniProtKB/Swiss-Prot Function]