

Product datasheet for **SC322264**

LRRC14 (NM_014665) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC14 (NM_014665) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC14
Synonyms:	LRRC14A
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 SC322264
 GGCGGGGCTGGAGGCGGTGGCTGCGGTTGCGGGACCGGGAGATGGCTGCGATTTAGTTTT
 GAGGATGCTACAGGCAGCAGCAGGGCTGGCACCCTGTGTACAGGCACTATGCTGGGCCT
 TCCTACCACTTGTGTGTGGCTTGGTAGTGGCCTAGGGTCTCTCCTCCCTGCTGAAGTCCC
 TCTCTGCAGGTGGCCGTCTGCCCGCCAGCACCATGCACACGTTGTGTTCTTGAGCA
 CACGGCAGGTGCTGCAGTGCCAGCCAGCTGCCAGGCCCTGCCCTGCTGCCACGCG
 AACTCTTCCCCCTGCTGTTCAAGGTGGCCTTCATGGACAAGAAGACAGTGGTACTGCGCG
 AGTTGGTACACAGTGGCCCTTCCCGCTGCTCAGTTTCCAGCAGCTGCTACAGGAGTGTG
 CCCACTGCAGCCGTGCCCTCCTGCAGGAGCGGCCCTAGCACTGAGAGCATGCAGGTGTTA
 TCCTGGGGCTGACTGCCCGGCTCCACACCTCAGAGCCTGGGGCCAGCACACAGCCCTCT
 GCAGGAAGCATGCGCTGCGGGTGTGGACATGACGGGCCTCTTGATGATGGTGTGGAAC
 AGGATCCTGGCACCATGAGCATGTGGGACTGTACTGCTGCCGTAGCTCGCACATGCATTG
 CCCAGCAGCAGGGTGGGGCCGAGAGCCTGGGCCAGCCCCATCCCCGTGGAGGTGCGCG
 TGGACCTGCGGGTGAACCGGGCCTCCTATGCGTTCCTGCGGGAGGCACTCCGAAGCAGCG
 TGGGCAGCCCGCTGCGGCTCTGCTGCCGGGACCTGCGAGCTGAGGACCTGCCATGCGCA
 AACTGTGGCCCTGCTGCAGCTTCTGGATGCAGGCTGCCTGCGCCGCGTGACCTGCGCT
 TCAACAATCTGGGCTGCGCGGCTGTCTGTGATCATCCACACGTGGCCCGCTTCCAGC
 ACCTGGCCAGCCTGCGGCTCCACTATGTGCATGGGGATTCAAGGCAGCCCTCCGTGGATG
 GCGAGGACAACCTCCGCTACTTCTTGGCCAGATGGGCCGCTTACCTGTCTGCGTGAGC
 TCAGCATGGGCTCCTCTCTCTTTCAGGGAGGCTGGACCAGCTGCTCAGCACCTGCAGA
 GCCCCCTGGAGAGCCTGGAGTTGGCCTTCTGTGCTCTGCTGCCTGAGGACCTACGCTTCC
 TGGCAGGAGCCACATGCTGCCACCTCAAGAAGTTGGACCTGAGTGGTAACGACCTGT
 CTGGCAGCCAGCTGGCACCCTTCCAGGGTCTGTTGCAGGCATCAGCAGCCACACTGTTGC
 ATCTGGAGCTGACTGAGTGTGAGCTCGCAGACACCCAGCTGTTGGCCACACTACCCATCC
 TGACTCAGTGCGCCAGTCTCCGGTACCTTGGCCTCTATGGCAACCCACTGTCCATGGCGG
 GCCTCAAGGAGCTGCTGCGGGACTCAGTGGCACAGGCTGAGCTGCGTACTGTGGTGCACC
 CCTTCCCTGTGGACTGCTATGAGGGCTTGGCCTGGCCGCGCCTGCCTCTGTCTGCTGG
 AGGCCTCCATCAATGAGGAGAAGTTTGGCCGCTAGAAGCTGAGTTGCACCAGCTGCTTC
 TAGCCTCAGGCCGTGCCATGTGCTCTGGACCACGGACATCTACGGGCGACTGGTGCGG
 ACTACTTCAGCCTATGATGAAGTAGCTCTGGGTGAGACACAGGCCGCCCTGCAGTCTCTT
 TAGGTAGGCAGGGCCTTTGCTGGGACCCCTGGTGGAGGCCTTCAAAAAGCACTGTTAC
 TGGTTTCTGCTGGGTCTACCTTCTTGGGCACACCTCAAGCCTCCCTGCTTTCTGC
 AGTGCCCCACGCGGTTTTCCCTGCACTTGTCCATAATTGGCTGATCATCTGTGGCCCC
 GGGGCTGGATGTGAGGCTCCATTGCCCTGCTCAGTTTGGCTGCATTTGGCTGCCGTCTG
 GGGTCTGGTCTTTGTGCAATGCTTTGGGATTCCAGTTGTGAGCTGAGAGAGATGATG
 GCCTCTCTGGGCTTTTCTCTCCCTTTACTGAGAGCTCAGTGCTTTTGGGGTTGAAGTTG
 GACAGAGGCTGCTTCAGGGAAGCTGGGAGTCCCAGGCACTCACGCCTTTTACGTGTTT
 CCTACCTGCCACCCAGCCACCCCACTGGGCTGGGCTCGGGCTGGAGGGGTGATCAAGG
 TACACATGTGCTGGAAGTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_014665

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_014665.1, NP_055480.1</u>
RefSeq Size:	5323 bp
RefSeq ORF:	1482 bp
Locus ID:	9684
UniProt ID:	<u>Q15048</u>
Cytogenetics:	8q24.3
Domains:	LRR
Gene Summary:	This gene encodes a leucine-rich repeat-containing protein. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. 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.