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Product datasheet for SC114896

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:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014665, the custom clone sequence may differ by one or more nucleotides

ATGCACACGCTTGTGTTCTTGAGCACACGGCAGGTGCTGCAGTGCCAGCCAGCTGCCTGCCAGGCCCTGC
CCTTGCTGCCACGCGAACTCTTCCCCCTGCTGTTCAAGGTGGCCTTCATGGACAAGAAGACAGTGGTACT
GCGCGAGTTGGTACACACGTGGCCCTTCCCGCTGCTCAGTTTCCAGCAGCTGCTACAGGAGTGTGCCCAC
TGCAGCCGTGCCCTCCTGCAGGAGCGGCCTAGCACTGAGAGCATGCAGGCTGTTATCCTGGGGCTGACTG
CCCGGCTCCACACCTCAGAGCCTGGGGCCAGCACACAGCCCCTCTGCAGGAAGCATGCGCTGCGGGTGCT
GGACATGACGGGCCTCTTGGATGATGGTGTGGAACAGGATCCTGGCACCATGAGCATGTGGGACTGTACT
GCTGCCGTAGCTCGCACATGCATTGCCCAGCAGCAGGGTGGGGCCGCAGAGCCTGGGCCAGCCCCCATCC
CCGTGGAGGTGCGCGTGGACCTGCGGGTGAACCGGGCCTCCTATGCGTTCCTGCGGGAGGCACTCCGAAG
CAGCGTGGGCAGCCCGCTGCGGCTCTGCTGCCGGGACCTGCGAGCTGAGGACCTGCCCATGCGCAACACT
GTGGCCCTGCTGCAGCTTCTGGATGCAGGCTGCCTGCGCCGCGTGGACCTGCGCTTCAACAATCTGGGCC
TGCGCGGCCTGTCTGTGATCATCCCACACGTGGCCCGCTTCCAGCACCTGGCCAGCCTGCGGCTCCACTA
TGTGCATGGGGATTCAAGGCAGCCCTCCGTGGATGGCGAGGACAACTTCCGCTACTTCCTTGCCCAGATG
GGCCGCTTCACCTGTCTGCGTGAGCTCAGCATGGGCTCCTCTCTCCTTTCAGGGAGGCTGGACCAGCTGC
TCAGCACCCTGCAGAGCCCCCTGGAGAGCCTGGAGTTGGCCTTCTGTGCTCTGCTGCCTGAGGACCTACG
CTTCCTGGCACGGAGCCCACATGCTGCCCACCTCAAGAAGTTGGACCTGAGTGGTAACGACCTGTCTGGC
AGCCAGCTGGCACCCTTCCAGGGTCTGTTGCAGGCATCAGCAGCCACACTGTTGCATCTGGAGCTGACTG
AGTGTCAGCTCGCAGACACCCAGCTGTTGGCCACACTACCCATCCTGACTCAGTGCGCCAGTCTCCGGTA
CCTTGGCCTCTATGGCAACCCACTGTCCATGGCGGGCCTCAAGGAGCTGCTGCGGGACTCAGTGGCACAG
GCTGAGCTGCGTACTGTGGTGCACCCCTTCCCTGTGGACTGCTATGAGGGCTTGCCCTGGCCGCCGCCTG
CCTCTGTCCTGCTGGAGGCCTCCATCAATGAGGAGAAGTTTGCCCGCGTAGAAGCTGAGTTGCACCAGCT
GCTTCTAGCCTCAGGCCGTGCCCATGTGCTCTGGACCACGGACATCTACGGGCGACTGGCTGCGGACTAC
TTCAGCCTATGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014665 unedited
GTCAGATTTGTATACGACTCATATAGGCGGCCGCGAAATCGGCNACGAGGCCCGTCAATA
CTAATGCTGATGAAGGTTGGTGGGGAGAGTCCTGGGCTTTATTCAGGTTTCGAAGAAGGT
TTTGTGAAGCAGCTTTGTAATTTGAGAGGCCTGAAGTACCCATGGGGGGCCCTGCAAGGC
AACAGGCATCTGTCAAAAGCATACCCAAGCAAGCGAGTTGTTGACGATGCCACACTGCTT
GACGCTTAGTTTCTCTAAAGAGATCCTGTGCATCTGGAGGGCTGGGGCTGAGTTGTGAGT
TTGTCTGCCAGTTCACTGCACCCAGCCCAGCGCTAGGCATCTAATAGGTGCTTCTCTGTG
CCATGGCCACTGCTAACTGCTGACTTTGTTTCAGGCACTATGCTGGGCCTTCCTACCACT
TGTGTGTGGCTTGGTAGTGGCCTAGGGTCTCTCCTCCCTGCTGAAGTCCCTCTCCTGCAG
GTGGCCGTCTGCCCGGCCCAGCACCATGCACACGCTTGTGTTCTTGAGCACACGGCAGGT
GCTGCAGTGCCAGCCAGCTGCCTGCCAGGCCCTGCCCCTGCTGCCACGCGAACTCTTCCC
CCTGCTGTTCAAGGTGGCCTTCATTGGACAAGAAGACAGTGGTACTGCGCGAGTTGGTAC
ACACGTGGCCCTTCCCGCTGGTCAGTTCCAGCAGTTGCTACAGGAGTGTGCCCACTGCAG
CCGTGCCCTCCTTGAAGAGCGGCCTATCACTGAGAGCATGCAGGCTGGTATCCTGGGGCT
GACTGCCCGGTTTCACACCTAAGAGCCTGGGGCCGCACTACAGCCCTCTGCAGAAACATG
CGCTGCGGGTGCTGGAATTCACGGCCTCTTGATGATGGTGGGAAACAGATCCTGCACCAT
GACCTTTGGGAATGTACTGCTGCCGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014665 unedited
GTGTGTACCTCGTGATCCCCTCCACCCGACCCACCCATGGGGTGGCTGGGTGGCAGGGTA
GGGAACACGTAAGAGGCGTGAGTGCCTGGGGACTCCCAGCTTCCCTGAAGCAGGCCTCTG
TCCAACTTCAACCCCAGAAGCACTGAGCTCTCAGTAAAGGGAGAGGAAAGGCCCAGAGAG
GCCATCATCTCTCTCAGCTCACAACTGGAATCCCAAAGCATTTGCACAAAGGACCAGGAC
CCCAGACGGCAGCCAAATGCAGCCAAACTGAGCAGGGCAATGGAGGCCTGACATCCAGCC
CCGGGGCCCACAGATGATCAGCCAATTATGGAGCAAGTGCAGGGAAAACCGCGTGGGGCA
CTGCACAAAGCAGGGGAGGCTTGAGGTGTGCCCAGAACCAAGGCCCACCCAGCACGAAAC
CAGTAACCAGTGCTTTTGTGAAGGCCTCCACCAGTGGTCCCACCAAAGGCCCTGCCTACC
TTACGAGACTGTATGGCCGGCCTGTGTCTTATCCACAGCTACCCCATCATACGTCGAAGT
CTTTCCCCTTTCAGCTGCCCCCACATGTTCCGGGTCCTACGATCTCTCGCACCGCTCCGT
GTCCCAACCCCCTCCGCCCTCTCCCCTCTCCGCGCCCTCACTCCCCTTTTTGTGCCTGCC
CCTGAGACTCCCCCCCCCCCCCCGTTCATCTCCCTCCCCTACTCCCCCCTCCCATCGCTGT
TCTCCCTTGCCCTCCCCACCCCTCTCCCCTCTCCCCGCCCTCCCCCTCTTCGCACTCCGT
CCCCGTGCTTTCTTACCCCCTGTCTACTTTCCTTGCCCGTTCCCCCCATCGTCCTCGCAC
CCTCTCACCGCGCGCCTCCCCCCCACCCCTCCGTCCTCCCCTCCGCCGCTCCGACGCCCC
CGTCAACTCTAACCCCCTCGGCCCCCCCTTTCCCCCATTTCCCCCCTCCTCCCCCTTT

Restriction Sites: NotI-NotI

ACCN: NM_014665

Insert Size: 2620 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).

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_014665.1, NP_055480.1
RefSeq Size:	5323 bp
RefSeq ORF:	1482 bp
Locus ID:	9684
UniProt ID:	Q15048
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.