

Product datasheet for **SC300591**

LRRC29 (NM_001004055) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC29 (NM_001004055) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRC29
Synonyms:	FBL9; FBXL9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC300591 representing NM_001004055. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTACAGCTCTGGGTGGCCTGCAGGAGCTGCAGAGCCTCGACATGGCCGAGGGCGGGAAGTGGCCAG
GCCCTGGGCTGTATGCACGGGGCTCCATCCAGCTGGCCTCCCTCAGCCTGGCCACTGCTCTTCATTG
AAGTCACGCCAGAGCTGGAGCATCAGGCCTCAGGTACCAAGGACGCCTGTCCAGAGCCACAGGGCCCC
TCCCTGCTCACGCTGCGGGCCCTGCAGGAGTTGGACCTCACAGCCTGCAGCAAGCTGACTGATGCCAGT
TTAGCCAAGGTGCTCCAGTTTCTCCAGCTGAGGCAGCTGTCCCTTAGCCTGTTGCCAGAACTCACAGAC
AACGGCTTGGTTGCTGTGGCCAGGGGCTGTCTAGCCTGGAGCACTTGGCGCTGAGTCAGTGCAGCCGA
CTCAGTGACAAGGCTGGGCCAGGCAGCCAGCTCCTGGCCAAGGCTGCAGCATCTCAACCTGTCCAGC
TGACAGTCAGCTCATAGAGCAGACACTGGATGCTATTGGGCGAGCGTGCAGGCAGCTCCGGGTGTTGGAT
GTGGCCACGTGCCCTGGCATCAACATGGCCGCCGTGACAGCCTTCCAAGCCCAGCTGCCCCAGGTGTCC
TGTGTCCAGTCCCCTTCGTGGGAGGGGCTGACCTGACCTAACACTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001004055
Insert Size:	672 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).



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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:	<ol style="list-style-type: none">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_001004055.1
RefSeq Size:	1321 bp
RefSeq ORF:	672 bp
Locus ID:	26231
UniProt ID:	Q8WV35
Cytogenetics:	16q22.1
MW:	23.8 kDa
Gene Summary:	<p>This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class and, in addition to an F-box, contains 9 tandem leucine-rich repeats. Two transcript variants encoding the same protein have been found for this gene. Other variants may occur, but their full-length natures have not been characterized. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.</p>