

Product datasheet for **SC300635**

LEKR1 (NM_001004316) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	LEKR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC300635 representing NM_001004316.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGATCATCACATTCCCATGCATGCGTTGCCTGAAGAAATCCAAAGATGTTGCCTGAAGAAAAAGTT
TGTAAGTACTGTGGAGTCAGCTATCTAATTCCTCATGAATTTAAGGCTATGGAAGAAAAAGTGAAAGCA
ATGGAAAAAGAGATGAAATTTTATCAAGGAAGTGTAGATCGTGAAAGAGACTTCAAGAAAAAGTCAT
TCTCTTAGCCAAGAAGTTGAACAGTACAAAATTGACAACAAATCCAAACAGAAAGAAATTTACGATGTA
GGCATGCAGTTAAAAAGTCAACAAAATGAATTTGAGAAAGTAAAGAAACAACTGAGTCATTTGCAAGAT
GAGCTAAAAATTAATATAGACAATCATACATCTTCAGTCAAAGATTGTCAGAGTACAAATATTTCTGG
AATAAGACTCTTTCACTTACTTTTACTAAAAGGGAAGTAAACAGTATTAATAATGAAGTATATGAT
AATTACCAAACTGGAGTTTATTGAAAGGAGCAGTTTTTCTACAAATTAATCTATAAGTGAACAGCC
TTGACAGAAATAGACATACTGAATAAAAGTTTGACAGTATCCAGAGAAATAAGTATGCCTTGAAAG
GAAATGAAAAATCTGAAATTTGTCAGATGCAGCCATATTGAGATCTCAGCAGATTCGGACATCTAGA
CAACAGGAAGTAACTTGCAAAACAGATGCTATGATTTGCAAAAAGAACTACTAGATTACAAATGTCTA
GTAGAGGCAGTTGGATTAATACTTCAAGAGCGGTGACAGAGATGGACAATAAAAGAAATGCTTATG
AATAATCTAATGAAGCTGATGACTGTCAAAGAGAAGTAAAAAAGTGAAGTTGAATCCATTATTTCT
GAGTCACAGCATACTATGCTGCTTAAGGAAAAAGAGACTCTTAATGACTTGTCAACAGATATATAAA
GCATTACAGGAAGAGCTGACTGTGAAAGAAAAGCAAGAAGAAGACATAAAGAGAAGAAATTAACCTTGCA
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CTGCTGAGTGATGATACTGGAAGGAGAAGATTGAAGCAGAACTTGCCAGGAAAGGCCCAACACTTG
GTTGAATTTGAAGAGCAAGCTCTTCTTTAAGGAAGAAACAAAATTGCAACTTGATATTGAAAAAGAA
AAACACCAAGATGTAATCCAAAAGTATAAGAAAGAAACAAGAGGAAGTACAAATGAAGATATCTGACTTA
ATCACAGGCGCTACAAGAGATCTAAGGCAGGAAGTGACCACTCTTAAGAAAAAAGTTCACAAATCCCAT
ATTCGGTACACTGAAGAATCTAATTCAGGAAAAAGAAATGAAAATCTTAATAATTTGGTTGCAGAA
TTTGAATCTCGCTTGAAGAAGGAAATGACAGTAATGATTCAAGTTTCAGAAAACTTGAGGAAGGAAATG
GAACAGAAAGTCGGATGAACTGAAAAGAGTAATGCTGGCTCAAACACAAGTATAGAGCAATTAACAG
TCCCAGGAAGAGAATACTTTCTCAGGAGACAGTGCAGTGAAGATGTGAAGAACGCTTTGAACTGACA
GAGGCTTTGAGTCAAGCCAGAGAAGAGCTCCTGGAGCTCAGTAAGCTTCGTGGAAGTTTACCATTCTCA
CCGTGTTCCCTCAGCAAGGGCAGCCTAACCTCCCTGCTGCAGCAGTCAGTAATCATGGAGAGAGAAGC
CTTGCAAGACTGAACTCTGAAAAAGGAATCCAAATTCCAACCTGCGCGGGGTGTCAAAACCCCACT
TTCCCAACCTCAGATAAGCCGAAGAGGGTTAGATCAGGCGTGCCCATCTCCCCAGCCACATCTCCC
AGGGGTGGAGCATCTTCAGCAAATGAGACTAGACAGAGACTGGCTGCCATTCTTAGGAGAAGCGGAGT
CAGCAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGCG
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Restriction Sites:

Sgfl-MluI

ACCN:

NM_001004316

Insert Size:

2079 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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001004316.2</u>
RefSeq Size:	2572 bp
RefSeq ORF:	2079 bp
Locus ID:	389170
Cytogenetics:	3q25.31
MW:	81.2 kDa