

Product datasheet for SC324836

RIL (PDLIM4) (NM_001131027) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RIL (PDLIM4) (NM_001131027) Human Untagged Clone
Tag:	Tag Free
Symbol:	RIL
Synonyms:	RIL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC324836 representing NM_001131027. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCCATTCGGTGACCCTGCGCGGGCCTTCGCCCTGGGGCTTCGCCCTGGTGGCGGGCCGGGACTTC
AGCGCGCCCTCACCATCTCACGGGTCCATGCTGGCAGCAAGGCTGCATTGGCTGCCCTGTGCCAGGA
GACCTGATCCAGGCCATCAATGGTGAGAGCACAGAGCTCATGACACACCTGGAGGCACAGAACCGCATC
AAGGGCTGCCACGATCACCTCACACTGTCTGTGAGCAGGCCTGAGGGTAGGAGCTGGCCAGTGCCCT
GATGACAGCAAGGCTCAGGCACACAGGATCCACATCGATCCTGAGATCCAGGACGGCAGCCCAACAACC
AGCAGGGCGCCCTCAGGCACCGGACTGGGCCAGAAGATGGCAGACCAAGCCTGGGATCTCCATATGGA
CAACCCCTCGCTTCCAGTCCCTCACAATGGCAGCAGCGAGGCCACCCTGCCAGCCAGATGAGCACC
CTGCATGTGTCTCCACCCCCAGCGCTGACCCAGCCAGAGGCCTCCCGCGGAGCCGGGACTGCAGAGTC
GACCTGGGCTCCGAGGTGTACAGGATGCTGCGGGAGCCAGCCGAGCCCGTGGCCGCGGAGCCCAAGCAG
TCAGGCTCCTTCCGCTACTTGCAGGGCATGCTAGAGGCCGCGGAGGGCGGGCCACCATCGTCAAGGCAC
GGGACAAGCTCTACCATCCCGAGTGCTTCATGTGCAGTGACTGCGGCC TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001131027
Insert Size:	741 bp



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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:	<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:	<u>NM_001131027.1</u>
RefSeq Size:	2189 bp
RefSeq ORF:	741 bp
Locus ID:	8572
UniProt ID:	<u>P50479</u>
Cytogenetics:	5q31.1
MW:	25.9 kDa
Gene Summary:	<p>This gene encodes a protein which may be involved in bone development. Mutations in this gene are associated with susceptibility to osteoporosis. [provided by RefSeq, Nov 2009]</p> <p>Transcript Variant: This variant (2) lacks a coding exon in the 3' region, as compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus, as compared to isoform 1.</p>