

Product datasheet for **MC204282**

Rlim (NM_011276) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rlim (NM_011276) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rlim
Synonyms:	AL022832; AW743871; Ha1r; Rlim1; Rnf12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC012960
 CCACGCGTCCGCGGACGCGTGGGTTCCACTTGATCACCAAGATGGAGAACTCAGATTCTAACGATAAAGG
 AAGTGACCAGTCTGCAGCTCAGCGCAGAAGTCAAATGGATCGCTTGGATCGGGAAGAGGCTTTCTATCAA
 TTTGTGAATAATCTCAGTGAAGAAGATTATAGACTTATGAGAGACAACAATTTGCTGGGCACCCAGGTG
 AAAGTACTGAGGAAGAGTTGCTCAGAAGACTACAACAAATTAAGAGGGTCCACCACCAGAGCCCCGA
 TGAAAAATAGAGCTGGAGAGTCTTCAGATGATGTGACCAACAGTGATTCTATAATAGATTGGCTTAACTCA
 GTCAGACAGACTGGAAATACAACAAGAAGTGGTCAGAGAGGAAACCAGTCTGGAGAGCAGTGACCCGGA
 CTAATCCAACACGCGGTGATTTTCAGATTAGTTTAGAGATAAATGTTAACCGTAACAATGGAAGCCAAAC
 TTCCGAGAATGAAAGTGAACCATCCACTAGGCGTCTTAGTGTAAGAAAACATGGAGAGCAGCAGCCAAAGG
 CAAATGGAATAATCTGCATCTGAATCAGCATCGGCCAGACCTTCTCGAGCGGAGCGCAATTCAGCTGAAG
 CAGTAACAGAAGTGCCGACCACCAGAGCTCAGAGGAGGGCAAGAAGCCGGAGCCAGAGCATCGGAGAAC
 CAGAGCAAGAGCTGAAAGAAGCAGGTCCCCTCTGCAGCCAACAAGTGAATTTCCACGAAGAGCTCCGACC
 TTGGAGCAGTCTTCGAAAACGAGCCTGAAGGAAGTTCTAGAACCCGGCACCATGTGACCCTGAGACAGC
 AGATATCTGGACCGAGTTGTTAGGTAGAGGTCTTTTTGCAGCTTCTGGATCAAGAAACCCCTCTCAGGG
 GACAAGCTCTTCAGACACAGGTAGCAATAGTGAATCCTCAGGATCTGGCCAAAGACCTCCAACCATAGTT
 CTTGATCTCAAGTAAGAAGAGTTTCGTCCTGGAGAATACCGGCAGAGAGATAGTATAGCTAGCAGAACTC
 GATCAAGATCTCAGGCTCCGAACAACACAGTACTTATGAAAGTGAACGTGGAGGTTTTAGGCGTACCTT
 TTCCCCTTCTGAACGTGCAGGTGTGAGAACCTATGTGAGTACTATCAGGATTCCTATTCGAGAATCTTA
 AACTACTGGATTAAGTGAACCTACATCTGTTGCAATTCAAACCATGTTAAGGCAGATAATGACAGGCTTTG
 GTGAGCTAAGCTACTTTATGTACAGTGACAGTGATTTCAGAGCCTAGTGCCTCAGTCTCCAGCCGAAATGT
 GGAGAGAGTAGAGTACGGAATGGAAGAGGGAGCTCTGGTGGCGGTAACAGCTCTGGTCCAGTTCACAGC
 TCAAGTCTAGCCCCAGTTCAGTGGTGAAGTTCCGAGAGTAGCTCAGAGATGTTTGAAGGCAGTAGTG
 AAGGAGGCTCGTCTGGCCATCCAGAAGAGATGGTCGACATAGGGCCCCAGTACATTTGATGAAAGTGG
 CTCTCTGCCATTCTTAGTCTGGCTCAGTTTTTTCTTTTAAATGAAGATGATGAAGACCAACCTAGAGGA
 CTTCACTAAAGAACAGATCGATAACTTGGCAATGAGAAGCTTTGGTGAATAATGATGATTGAAAACGTGTA
 GTGTTTGCATTACAGAATACACAGAAGGCAACAACTTCGTAACCTACCTTGCTCCCATGAGTACCACGT
 CCACTGCATCGACCGCTGGTTGTCTGAGAATCCACCTGTCCCATTTGTCGAGGGCAGTCTTATCTTCT
 GGGAACAGAGAAAGTGTGTGTGATGAGACCAGAACTCTGAGCTGTGTAGCTGGAATAGTATGGGCAAA
 CAAATCACCTGCTTTATGTCCACTTTTTTTTTTGGAGTGGTCTTAAAATATAAAGTCACAAGCTGAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_011276

Insert Size: 1803 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: [BC012960](#), [AAH12960](#)

RefSeq Size: 1974 bp

RefSeq ORF: 1803 bp

Locus ID: 19820

UniProt ID: [Q9WTV7](#)

Cytogenetics: X D

Gene Summary: E3 ubiquitin-protein ligase that acts as a negative coregulator for LIM homeodomain transcription factors by mediating the ubiquitination and subsequent degradation of LIM cofactors LDB1 and LDB2 and by mediating the recruitment the SIN3a/histone deacetylase corepressor complex. Ubiquitination and degradation of LIM cofactors LDB1 and LDB2 allows DNA-bound LIM homeodomain transcription factors to interact with other protein partners such as RLIM. Plays a role in telomere length-mediated growth suppression by mediating the ubiquitination and degradation of TERF1. By targeting ZFP42 for degradation, acts as an activator of random inactivation of X chromosome in the embryo, a stochastic process in which one X chromosome is inactivated to minimize sex-related dosage differences of X-encoded genes in somatic cells of female placental mammals.[UniProtKB/Swiss-Prot Function]