

Product datasheet for **RN211698**

Lrrc14b (NM_001109333) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc14b (NM_001109333) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc14b
Synonyms:	RGD1564978
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211698 representing NM_001109333
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGTCGCTTCGTTTCATTTTCGGCTAAAGCTTTAGCGTCCCACCCCCAGCTGGTCCAGGAGAACCTGG
 ATAGCATAGCCTACAACCTCTACCCACTTCTGTTCAAGACCAGTTACCTGCTAGAACAGGCGGACATAAC
 CCGTGCTCTGCTGAGTCACTGGCCGCTAGAGGAGTTCCGGCTGGCTGTGCTACTAGGGCCAAACATTGAC
 CACCCGGAAGACCTGCGTGATCGTGCTGCAAGGCCTGCTGGAGGCCTGTATGCAGGGCATAGCTGACC
 ATGTGCTGAGAAGTGGGAGCAACCGCTTCGGGTAGCGGATTTACCGGCATCCAGGATGTACAGGTGCA
 GCAATGTCCTTGTGGGAGGCACTAGGAAGGTGGGGCCGTACCAAGGTGCTGGCCAGGATCTGCTGCCAG
 CTCCAAGGACAGCCCTGCACAGCTGGGCACCCATTGAAGTCTTTGCTGACCTCTTTGTACAGAAGGCA
 ACTTTGACATGGTGGTGCAGGCCCTGAAGCCGTACGGCCAGCACCTCTGCAGGTCTGTTGCCCTTCACT
 CCGGGCAGACAGCCTGAGCCCTGGGCAGCTCCTACAAGTCTTGGCCTGGCTGGGCCAGGCAAGCTTAGA
 AAATTGGAGGTAGTACACAATGTACGGTTGCATGCTGGCCATGTGCAGCAGCTGCTGGCCAGGTGGGCT
 TCCCTCAGCTGACCTCACTCACCTTGCCACCAAGGCGTTTCGATGCTCCTCCAACCTGTGCTCCAGATCC
 AGAGGGTGAGGATCTCCTCCTTACCTCTATTGCCTGGGAGCTCAGCCAGATGAACCAGCTCACTGAGCTA
 AGTGTAGCTTTCTCTACACTGACTGGGAAGATCCAAACATTGCTTAGCCCCCTGAAGACCCCACTAAGAG
 TGCTGGACCTAGCCAACGTGCCCTTAATCATGAAGACATATCCTTCTTAGCAAACCTGTAAACCACTGC
 CCCTTGGAGGTGCTGGACCTTAGTGGACACAACCTGGTACACTTGTACCTTCTACCTTCTCAGGCTG
 CTGAGCCAGGCTGCCAAACGCTGAAAGTTCTCACCTTAGAGGACTGCAACATCACGGACAGCCATGTTA
 ACATGATGATTCTGGGCTCAGCCCTTGACCCAGCTCCAGCAGTTCAAGTTCCTTGGGAACCCACTATC
 AGGCAGTGCTCTCCGGCGCCTTTTGTGCACTCTGCGAACTCCCTAGGCTGCGCCACATTGAGTTCCCA
 GTGCCAAAGGACTGCTACCCTGAGGCTGCTATCTACCCCAAGGATGAGCTGTGAGTGTCCAAATTCGACC
 AACAAAAATATGACATGATTGCAGAGGATCTGCAAGCAGTACTGCTTCGAGCTAACCAGGAGGATATTCA
 GGCCTCCACCCCACTTTTGGAAAGTTTGTATCCAGACATTCATGAAACCAGCAATGAAGTTGGTACTTTC
 TTGCTGCAAGCTTTCAAACCTGCTTTGAAAACTTTTCCAGAGCGCTAGAACAAATGGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109333

Insert Size: 1533 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_001109333.1, NP_001102803.1

RefSeq Size: 2575 bp

RefSeq ORF: 1533 bp

Locus ID: 502225

Cytogenetics: 1p11