

Product datasheet for **RN211988**

Pirb (NM_031713) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pirb (NM_031713) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pirb
Synonyms:	Lilrb3; NLR-1; Nilr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211988 representing NM_031713
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACTGCCCTGCCTCCAGGGCCATACCCTCTTCCCAAACCTTCAGAAAGGCTCTGTATCTCTGTT
 CTCAAGCAGAGTTGCAGCCTCTCAGAAGAGATGCCATGACCTTCACCTGCAAAGCCCTGCTCTGTCTTGG
 AATGACTCTGGGCCTCTGGATCAGAGTGCTGACAGAGTTCTCCCTAGGCCAATCCTCAGAGTACAGCCA
 GACACTGTGGTCTCTACACAGAGTAAGGTGATCTTCTTCTGTGAGAGGAGTCAAGGAGCCGAACCTTATT
 GTCTCTATAAAAAAGGAAATCCACGAAATCCACGGTGCAAAGAAATTCGACCTAAACCTGGCAAGAAGGT
 TGAATTCCTCATCTCAAAAATTGAACCGTACCATGCAGGACATTACCACTGTTATTATCAGATCCATGGT
 CAATGGTCAGAGGACAGTGATGCGCTGGAGCTGGTAGTGACAGGAGTCTATGACTACAATGAACCTCAGGC
 TGTCAGTACTGCCAGCCCTGTGGTGACAGTGGGAAGGAACATGACACTGCACTGTATCTCACATAGTCA
 CTATGATAAATTCATTCTACCAAGGAAGATCACAAGTTCACCAGCTCACTGGACACACAGTGTATACCT
 CCTAGTGACAGTGCCAAAGCTCTGTTTGTATGGGACCCATGACATCAAACCACACCGGGACATTCGGAT
 GTTATGGTTACTACAAGCATACTCCACAGTTGTGGTCAATACCCAGTGAGCCCTGGAAATTCATATCTC
 AGGGCTGTCCAAGAAGCCCTCTCTGCTAACTACCAAGGACACATCCTGGACCCTGGAGTTAACCTCACA
 CTGCAGTGTGCTCTGACATCAACTATGACAGATTTGCTCTGTACAAAGTTGGGGGTGTTGACATTATGC
 AGCACACTAGCCAGCAGACTGACACTGGCTTCTCCATGACCAACTTCACACTGGGCTATGTACACCACTC
 TACTGGAGGCCAATACAGATGCTATGGAGCACACAACCTCTCCTCTGAGTGGTCAGCATCCAGTGATCCC
 CTGGACATCTTGATCACAGGACCCATTCAAATGTCTACCTTGCCACCCATAACATCCATGCCACCAGATC
 AGCTGGAAAGTTATGTGAATGCTCTGATAGGAGTGTCTGTGGCCTTCTGGTGTTCCTCTTCATCCTCAT
 CTTTCATCATTCTCCAAAGAAGACATCAGAGAAAAATTCAGAAAGGATGGTGAAGAGGCCAGAAAGAGAAA
 GAACTACAATATCCTACAGGAGCTGTGGAGCCCATAAGCAGGGATAGAGACCAGCAGAAGAGGTCCAATG
 CAGCTGTGCCACCCAGGAGGAAAGCGTTTATGCTTCAGTAGAGGACATGGAAACTGAGGATGGTGTGGA
 GCTGGACACTTGGAACCACTGAGGGAGATCCACAGGGAGAGACATACGCCAAGTAAACCCCTCCAGG
 CTCAGGAGGGTAGAAGCTATCATTCTTCTGCCATGTCAAGGGAGCAGCTGAACACAAAATATGAACAAG
 CAGAAGAGGGCCAAGAGGTGGACGGTCAGGCTACTGAATCCGAAGAGCCCCAGGATGTGACCTATGCCCA
 GCTGTGCAGCAGGACACTCAGACAGGGGACAGCTGCACCTCCTCTCTCCAGGCAGGAGAAGCCCCAGAG
 GAGCCCAGTGTATATGCTGCTCTAGCGACTGCTTGCCCAGGAGCTGTTCCCAAGGACAAGGAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031713
Insert Size: 1749 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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:	<u>NM_031713.1</u> , <u>NP_113901.2</u>
RefSeq Size:	2651 bp
RefSeq ORF:	1749 bp
Locus ID:	65146
UniProt ID:	<u>D3ZQX2</u>
Cytogenetics:	1q12
Gene Summary:	immunoglobulin-like receptor expressed by neutrophilic granulocytes [RGD, Feb 2006]