

Product datasheet for **RN213864**

Plrg1 (NM_021757) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plrg1 (NM_021757) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plrg1
Synonyms:	MGC105439
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213864 representing NM_021757
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGGAGGAGTACAGAAGCATTCTGTGCACACTAGTGTTCAAGGACCCATGACA
 TGTTTGGCTGATAATGGAAAACCTGTGCCTTTGGATGAAGAGAGTCACAAGCGGAAAATGGCAATCAA
 GCTTCGTAATGAGTATGGCCCTGTGCTGCATATGCCTACTTCAAAAAGAGAATCTTAAGGAGAAGGGACCT
 CAAAACGCACCAGATTATATCCTCATAAGCAGTATCCTGCCAATCAAGGACAAGATGTTGAATATTTGG
 TGACAGGTACACATCCATATCCACCAGGACCTGGTGTGCCTTGACTGCTGATACTAAGTCCAAAGAAT
 GCCAAGCGAGTCAGCCGCACAGTCCTTAGCTGTGGCGTTACCGTCTCAGACCAGAGTTGATGCAAAATCGG
 ACTGCGCCTGCTGGAAGTGAATACCGACACCCAGGGGCTTCTGACCGTCCAGCCACAGCAATGAATT
 CTATGATTATGGAGACCAGCAATACCAAGAAGTCTGCATTAATGGCTAAAAAGCCCTACAATGCCAA
 ACCCCAGTGGCACCCACCGTGGAACTCTACAGGGTTATCAGTGGGCATCTTGGCTGGGTTCCGGTGTATT
 GCTGTGGAACCTGGAAATCAGTGGTTCGTTACTGGATCTGCTGACAGAATATAAAGATTTGGGACTTGG
 CCAGTGGCAAATTAAGCTGTCATTGACTGGCCACATCAGCACAGTACCGGGTGTGATTGTGAGCAGGAG
 GAGCCCTACTTGTCTCTTGTGGAGAAGACAAACAAGTGAAGTGTGGGATCTTGAATATAACAAGTT
 ATACGGCACTATCATGGCCATCTAAGTGCAGTGTATGGTCTGGATTTGCATCCAACAATCGATGCTCCTGG
 TCATTGTAGTCGAGATTCTACTGCTCGGATCTGGGATGTGAGAACTAAAGCCAGTGTGCACACTTTGTC
 TGGACACACAAATGCAGTTGCTACCGTGAGATGCCAAGCTGCAGAGCCACAAATTAATGGAAGTAC
 GATACCACAATACGATTATGGGATCTGGTGGCTGGAAAGACACGAGTACATTGACGAATCATAAGAAGT
 CAGTCAGGGCTGTGGTCTTACATCCGCTACATTACACATTTGCATCTGGTCTCCAGATAACATAAAGCA
 GTGGAAAATTCCTGACGGAGGCTTCATTAGAATCTCTGGGCACAATGCAATTAACACGCTGGCA
 GTCAATACGGATGGAGTACTTGTATCTGGAGCTGACAATGGCACTATGCACCTTTGGGACTGGAGAAGT
 GCTATAATTTTCAGCGCTTTCATGCTGCTGTACAGCCTGGGCTTTGGACAGTGAATCAGGAATATTCGC
 TTGTGCTTTTGCAGTTCAGAAAGTCGGTACTAACAGCTGAAGCTGATAAAACCATTAAAGTTTACAGA
 GAGGATGAGACTGCGACAGAAGAACTACCCAGTCAGCTGGAAACCAGAAATTATCAAGAGAAAGAGAT
 TTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_021757

Insert Size: 1545 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_021757.2](#), [NP_068525.1](#)

RefSeq Size: 1830 bp

RefSeq ORF: 1545 bp

Locus ID: 60376

UniProt ID: [Q9WUC8](#)

Cytogenetics: 2q34

Gene Summary: human homolog plays a role in pre-mRNA splicing [RGD, Feb 2006]