

Product datasheet for **MG214827**

Pirall (NM_011088) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Pirall
Synonyms:	Gm14548; p91C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >MG214827 representing NM_011088
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCTGCACCTTACAGCCCGGCTCGCCTGGACTGACTCTGAGCCTCTGGATCCCAGTGCTGACAG
 GGTCCCTCCCTAAGCCTATCCTCAGAGTACAGCCACACTCTGTGGTCTCCAGAAGGACTAAGGTGACCTT
 CTTGTGTGAGGAGACAATTGGAGCCAATGAGTACCACCTCTATAAAGATGGAAAGCTATATAAAACCGTA
 ACAAAGAACAACAGAAGCCAGCAACAAGGCTGAATTCCTACTCTCAAATGTAGACCTGAGTAATGCAG
 GTCAATATCGATGTTCTACAACCCAGGATGAATCATCAGGCTACAGTGACCCCTGGAGCTGGTGGT
 GACAGGAGACTACTGGACACCAGCCTTTAGCCAGGCCAGCCCTGTGGTAACCTTACAGGAGGTATGTC
 ACCCTCCAGTGTGAGTCTGGCACAACAATCACAGTTCATTCTGACTGTAGAAGGACCACAGAAGCTCT
 CATGGATGCAAGACTACAATATAACAACCTACAAGGAAGTACCACGCCCTGTTCTGTGGGCCCTGT
 GACCCCAACCAGCGATGGATATTCAGATGTTACAGTTATGACAGGAACAGACCATATGTGTGGTACCT
 CCAAGTGAATCCGTGGAGCTCCTGGTCTCAGGTAATCTCAAAAACCAACCATCAAGGCTGAACAGGAT
 CTGTGATCGCCTCAAAAAGAGCAATGACCATCTGGTGTGAGGGAACTGGATGCAGAAGTATATTTTCT
 GCATAATGAGGGAAGCCAAAAACACAGAGCACACAGCCCTACAGCAGCCTGGGAACAAGGGCAGGTTT
 TTCATCCCTTCTGTGACACAACAACATGCAGGGCAATATCGCTGTATTGTTACAGCTCAGCTGGTGGT
 CACAGCCAGTGACACCCTGGAGCTGGTGGTACAGGAATCTATGAACACTATAAACCAGGCTGTCAGT
 ACTGCCAGCCCTGTGGTACAGCAGGAGGAAACATGACACTCCACTGTGCCTCAGACTTTCACTACGAT
 AAATTCATTCTACCAAGGAAGATAAGAAATTCGGCAACTCACTGGACACAGAGCATATATCTTCTAGTA
 GACAGTACCGACCCTGTTTATTATAGGACCCACAACCCCAACCCATACAGGGACATTCAGATGTTATGG
 TTACTTCAAGAATGCCCCACAGCTGTGGTCACTACCTAGTATCTCAACAATACTCATCTCAGGGCTG
 TCCAAGAAGCCCTCTCTGCTGACTACCAAGGCATATCCTGGACCCTGGAAATGACCCTCACCTGCAGT
 GTTCTCTGACATCAACTATGACAGATTTGCTCTGCACAAGGTGGGGGAGTGACATCATGCAGCACTC
 TAGCCAGCAGACTGACTGGCTTCTCTGTGGCCAACCTCACACTGGCTATGTGAGTAGCTCCACTGGA
 GGCCAATACAGATGCTATGGTGCACACAACCTTCTCTGAGTGGTCCAGCTCAGCTGAGCCCTGGACA
 TCCTGATCACAGGACAGCTCCCTCTCACTCCTCCCTCTCAGTGAAGCCTAACCCACAGTGCACCTCAGG
 AGAGACCGTGAGCCTGCTGTGTTGGTCAATGGACTCTGTGGATACTTTCATTCTGTCCAAGGAGGGATCA
 GCCCAGCAACCCCTACGACTAAAATCAAAGTCCCATGATCAGCAGTCCCAGGCAGAATTCTCCATGAGTG
 CTGTGACCTCCATCTCTCAGGCACCTACAGGTGCTATGGTGTCAAGACTCATCTTTCTACCTCTGTGTC
 ATCTGCCAGTGCCCTGTGGAGCTCACAGTCTCAGAAACCATTGAATCCTCCACCTGGTCTCCAAAAGG
 CCCATCCCACCAATTCCCACAGAGAACAAGGATCACACAATGGAGAATCTCATCAGGATGGGGATGGCAG
 TCCTGGTCTCATGCTCTTCGATCTAGCCACTGAGGCTTGCGGAAGCCATAGACAGACCCACCTGC
 AGCTGGGAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG214827 representing NM_011088
 Red=Cloning site Green=Tags(s)

MSCFTFARLCLGLTSLWIPVLTGSLPKPILRVQPHSVVSRRTKVTFLEETIGANEYHLYKDGKLYKTV
 TKNKQKPAKAEFSLSNVDLSNAGQYRCSYNTQDESSGYSDPLELVVTGDYWTPSLSAQASPVVTSGGYV
 TLQCESWHNNHRFILTVEGPQKLSWMQDSQYNNSTRKYHALFSVGPVTPNQRIWIFRCYSYDRNRPYVWSP
 PSESVELLVSGNLQKPTIKAEPGSVIAASKRAMTIWCQGNLDAEVYFLHNEGSQKTQSTQTLQPPGNKGRF
 FIPSVTQQHAGQYRCYCYSSAGWSQPSDLELVVTGIEYHYKPRLSVLPSPVVTAGGNMTHLHCASDFHYD
 KFILTKEKDFGNSLDTEHISSRQYRALFIIGPTTPTHTGTFRCYGYFKNAPQLWSVPSDLQQLISGL
 SKKPSLLTHQGHILDPMGTLTLQCFSDINYDRFALHKVGGADIMQHSSQQTDTGFSVANFTLGYVSSSTG
 GQYRCYGAHNLSSSEWSASSEPLDILITGQLPLTPSLSVKPNHTVHSGETVSLLCWSMDSVDFTILSKEGS
 AQQPLRLKSKSHDQSQAEFMSAVTSHLSGTYRCYGAQDSSFYLLSSASAPVELTVSETIESSTWSPKR
 PIPPIPTENKDHTMENLIRMGMAVLVLIVLSILATEAWRSHRQTHPAAGN

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:


ACCN: NM_011088

ORF Size: 2040 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

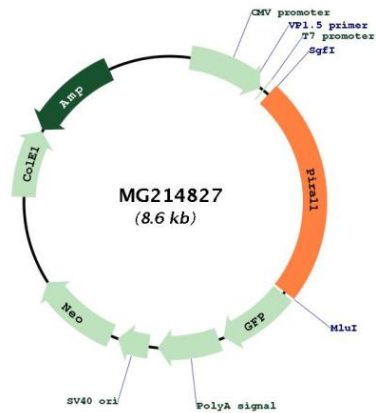
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_011088.1](#), [NP_035218.1](#)

RefSeq Size: 2102 bp

RefSeq ORF: 2043 bp
Locus ID: 18724
Cytogenetics: 7 A1

Product images:

Circular map for MG214827