

Product datasheet for **MR214791**

Pgr15l (NM_001033361) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgr15l (NM_001033361) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pgr15l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR214791 representing NM_001033361
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACACTTCCTCAAGGGAGTGTCTCCTTTCTGTCACAAATGAAAGTGCCATTGATTGGCTCGGAG
 AAAATATCAGTTGGGTTCCATCAATAGAGGATCAAAGCTGCAATCACACAACCCAGAATGGAACCAATAT
 CTCAGTGCAGAATGGGAGGGCCAACAGGATCAGTCAGGAGATGGCTGGGGGGCAATCCCCACATCATG
 GCAAAGATTGTGCTGACATTTGCATACGCTGTATCATAGTGATATCTCTCTTTGGCAACTCCCTGGTAT
 GCCAAGTTTTTGTCAAGCACAAGGAAATCAAGAAATCAACAGGCCTTCTCATCTTCAATCTGGCAATATC
 TGACATTTTGATAATCCTGCTCAACAGTCCATTTGCTCTGGCTCGTTTTCTGAGTGGACAGTGGGTTTTTC
 GGTAGGATCATGTCCATGTGAGTGGTTTGGCCAGTACTGCTCCCTCCATGTTTCAACTTTACTACTGA
 TGGCAGTTGCTATGGACCGGCACCGGTAAATCTGCACCAATGAAACCAAGGCTAACCCACTCCCAATG
 CCTATTTGTTGTTGCCATGATCTGGAGTATTGCAGTGTCTTGTCTGCCTCATGCGATTTACCAAAAT
 CTGTTCACTCTCGTCAACATGGATGGTGATACCAGGAGCTACTGCCTCCCTTCTTTTCTGGACCCAGCA
 TACTGGTTTTCAAAGTATGTGGACCTCGGGACATTTATCTTGTGTATATCCTGCCACTTCTGGTGATTGT
 TGTAACCTACTCTCACCTAGGAAAGAGGTTGTGGATTCAAATGCTATTGGTGATGCATCTGCTCGTCAA
 CTCATGGCACACTACCAGAAGCGCAAGAAGAGCATCCGGATGTTGATACTTATTGTATTGGTCTTTGCGAG
 TTTGTTGGTTTTCCACTTAACTTCTATGTGGTCTTATTTCCAGTGCAGGTGTAGAAAATGACAGTGTGCT
 TTTCTATGCCTTTCACTGGTTTGAATGAGCAGCACCTGCTACAATCCTTTCATATACTGTTGGCTCAAC
 AGGAGCTTCCGTGCCAAACTAAGATCTATATCATCTTTCAGGATGCAATCACTGTTTGTGTAGTAACT
 CCCAGTTCCAGCAAATAAAACCCACAGGAGATCATGAGCTTAGGGAGCTCCAGACATCTTCACTGCTACG
 AGTTCCCTGGCTGTCCCAGAGCCCAGGTTTTTGAAGATCCCAGTTTGGCTACAGGGGATAAATCCCAG
 GTCTCTGTCCAAGGAGAATGGGAAGATCCAGATCCCACCTAGATGAAGAACCAGGGCCTTCAACTCGGG
 ATACTTACTTTTTGTATCCACATGCAGACTAGCAGTCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR214791 representing NM_001033361
 Red=Cloning site Green=Tags(s)

MNTSFKGVSPFLSQMESAIIDLWGENISWVPSIEDQSCNHTTQNGTNISSAEWGGPTGSVRRWLGGNPHIM
 AKIVLTFAYAVIIVISLFGNSLVCQVFKHKEIKKSTGLLIFNLAI SDIL I ILLNSPFALARFLSGQWVF
 GRIMCHVSRFQYCSLHVSTLTLMAVAMDRHRVILHPMKPRLTHSQCLFVAMIWSIAVFLALPHAIYQN
 LFTLVNMDGDRSYCLPSFPGPSILVSKYVDLGT FILLYILPLLIVVVTYSHLGKRLWIQNAIGDASARQ
 LMAHYQKRKKSIRMLILIVLVAFCWFPLNFYVVLISSAGVENDSVLFYAFHWFAMSSTCYNPF IYCWLN
 RSFRAKLRSISSFRMQSLFVCSNSQVQIQPQESHELRELQTSLLRVPLAVPEPQVFEDPSLATGDNSQ
 VSVQGEWEDPPTLDEEPPSTRDITYFCIHMQTSSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9082_g04.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_001033361

ORF Size: 1368 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.

RefSeq: [NM_001033361.3](#), [NP_001028533.1](#)
RefSeq Size: 5379 bp

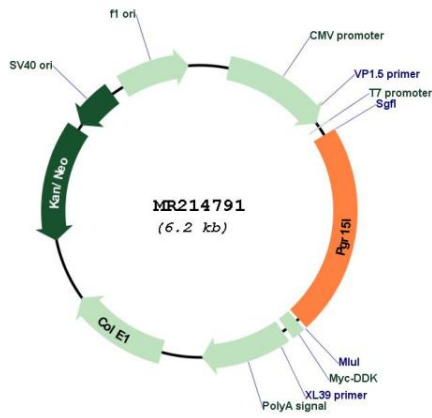
RefSeq ORF: 1371 bp

Locus ID: 245526

Cytogenetics: X C3

MW: 51.5 kDa

Product images:



Circular map for MR214791