

Product datasheet for **MC203804**

Pygl (NM_133198) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pygl (NM_133198) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pygl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013636
 CCGAGACCGTTCTGTGCTCCCTCCGCCCGCAACCATGGCAAAGCCCCTGACCGACCAGGAGAAGCGACGG
 CAGATCAGCATCCGAGGCATCGTGGGCGTAGAGAATGTGGCCGAGCTGAAAAAGGTTTTCAACCGTCACC
 TGCACTTCACTCTGGTCAAGGACCGCAATGTGGCCACCCCGCGACTACTACTTCGCCCTTGCGCACAC
 AGTGCCGACACCTGGTGGGCGCTGGATCCGTACACAGCAGCACTACTACGACAAGTGTCCCAAGAGG
 GTGTATTACCTCTCTCTGGAATTTTACATGGGCCGAACATTACAGAACACCATGATCAACCTTGGCTTAC
 AAAATGCCCTGCGATGAGGCCATTTACCAGCTTGGATTGGACATGGAAGAGTTAGAAGAAAATGAAGAAGA
 TGCCGGCCTTGGCAATGGCGGTCTTGGGAGGCTTGGTGCCTGCTTCTGACTCCATGGCAACCCTGGGA
 CTTGCAGCCTATGGCTACGGCATTCTGTTATGAATACGGAATCTTCAATCAGAAGATCCGAGAGGGATGGC
 AGGTAGAAGAGGCAGATGACTGGCTCAGGCATGGAAACCCTTGGGAGAAGGCTCGCCCTGAATTCATGCT
 GCCCGTGCATTTCTACGGAAGAGTAGAGCACACCCAGACGGGACAAAAGTGGGTCGACACCCAGGTGGTC
 CTGGCTTGCCTTACGACACCCCGTGCCTGGATATATGAACAACACTGTGAACACTATGCGCCTCTGGT
 CGGCTCGAGCACCAAATGACTTTAACCTTCAAGATTTTAAATGTTGGAGACTACATTCAGGCTGTGCTGGA
 CCGGAACCTGGCTGAGAATATCTCCAGAGTGTCTACCCCAATGATAACTCTTTGAAGGGAAGGAGCTG
 CGGCTGAAACAGGAGTACTTTTGGTGGCTGCCACCCTGCAGGATGTCATCCGGCGCTTCAAGGCCCTCA
 AGTTCCGGCTCCAAGGATGGCGTGGGAACCGTGTGGATGCCTTTCCAGATCAGGTAGCCATCCAGCTGAA
 TGACACACATCCTGCACTCGCCATTCCAGAGCTGATGAGGATTTTTGTGGACATTGAAAAACTGCCCTGG
 GCCAAGGCATGGGAGATCACGAAGAAGACCTTCGCCTACACCAACCACACGGTGTCCCGGAGGCCCTGG
 AGCGCTGGCCGGTGGAACTGGTGGAGAAGCTGTGCCTCGACACTGGAGATCATTTATGAGATCAATCA
 GAAACATTTAGACAGAATTTGGCCCTGTTTCTTAAAGACATCAGCCGCATGCGGAGAATGTCTCTCATT
 GAGGAGGAAGGAGGCAACCGGATCAACATGGCCACCTCTGCATCGTGGGCTGCCACGGTGAACGGTG
 TAGCAAAGATCCACTCGGACATCGTGAAGACCAAGTATTCAAGGACTTCAGCGAGCTAGAACCAGACAA
 GTTCCAGAATAAAACCAACGGGATTACCCCGAGGCGCTGGCTCTACTCTGCAACCCAGGCTGGCTGAC
 TTGATAGCAGAGAAAATTTGGAGAGGATTATGTGAAAGACCTGAGCCAGCTGACGAAGCTCCACAGTTTTG
 TGAGTGATGACATCTTCTCCGGAAAATAGCCAAAGTGAACAGGAAAATAAGCTGAAATTTCCAGTT
 CCTGGAGAAGGAATACAAGGTGAAGATCAACCCATCCTCCATGTTTGTATGTCCACGTGAAGCGGATCCAC
 GAGTATAAAAGGCAGCTTCTGAACTGCCTGCATGTGATCACCATGTACAATCGCATCAAGAAAGACCCTA
 AGAAATTTCTCGTCCAAGGACAGTCATAATTGGTGGCAAAGCTGCCCCAGGATATCACATGGCCAAAAT
 GATCATAAAGCTGATCACCTCTGTGGCAGAAGTGGTGAACAATGACCCCATGGTCCGCGAGCAAGTTGAAA
 GTCATCTTCTGGAGAACTACAGAGTGTCTTTGCCGAAAAAGTCATTCCAGCCACAGACCTATCGGAGC
 AGATCTCCACGGCAGGCACGGAAGCCTCTGGGACAGGCAACATGAAGTTCATGCTGAACGGGGCCCTGAC
 CATCGGGACTATGGATGGGGCAATGTGGAGATGGCAGAGGAAGCTGGGAGGAGAACCTGTTCATCTTT
 GGCATGAGAGTAGATGATGTGGCTGCTTTGGATAAGAAGGGGTATGAGGCCAAAGAAATATTACGAGGCC
 TTCCAGAAGTGAAGTTGGTCACTCGACCAAAATCGACAATGGCTTCTTTTCTCCCAATCAGCCAGACCTCT
 CAAAGACATCAACATGTTATTTTATCATGACAGATTTAAAGTCTTTGCAGACTACGAAGCCTATGTC
 AAGTGTCAAGAAAAAGTCAGTCAGCTGTATGAAATCAAAAAGCCTGGAACACAATGGTACTCAAAAACA
 TAGCTGCCTCAGGGAAGTTCTCCAGTGACCGAACAAATTAAGGAGTATGCCAAGGACATCTGGAACATGGA
 GCCTTCGGATCTGAAGATTTCCCTATCCAACGAGTCCAGCAATGGGGTTAGTGCCAATGGGAAGTGAATG
 CTAATAATGTAATCTTATTCAATGACTTCTTATGGAACCTTGAGTATTTTAGAGCTTCCCTGATTCTGTTTT
 TGTCATTGAATAGTTAAGTGTCTCCGGGATGGGAAGGAAAATGTATGTCTGTATTAGAGCTAAAAATA
 AAATGTCAACTTCCAGTTGTCAATCAATAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133198

Insert Size: 2553 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:	<ol style="list-style-type: none">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>BC013636</u> , <u>AAH13636</u>
RefSeq Size:	2780 bp
RefSeq ORF:	2553 bp
Locus ID:	110095
UniProt ID:	<u>Q9ET01</u>
Cytogenetics:	12 29.01 cM
Gene Summary:	Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties (By similarity). [UniProtKB/Swiss-Prot Function]