

Product datasheet for **RN211838**

Pygb (NM_013188) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pygb (NM_013188) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pygb
Synonyms:	GLYPHOA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211838 representing NM_013188
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAAGCCATTGACGGACAGTGAGAGGCAGAAGCAGATCAGTGTGCGTGGCATCGCCGGCTAGGCC
 ACGTGGCCGAGGTGCGGAAGAGCTTCAACAGGCACCTGCACCTCACGCTGGTCAAGGACCGCAATGTGGC
 CACTCCCCGCGACTACTTCTTCGCTCTGCGACACACGGTTCGCGACCACCTAGTGGGCGCTGGATCCGC
 ACGCAACAGCATTACTACGAACGGGACCCCAAGCGTATCTACTACCTTCCCTGGAATTCTACATGGGCC
 GCACACTGCAGAACACCATGGTGAACCTGGGCCTCAGACTGCATGTGATGAAGCCACTTATCAGTTGGG
 GTTGGACTTGAAGAAGTACAGGAAATAGAGGAGGATGCTGGCCTTGGGAATGGTGGCCTGGGGCGGCTG
 GCAGCTTGCTTCTTGATTGATGGCCACGCTGGGTCTAGCTGCATATGGCTATGGAATCCGCTATGAAT
 TTGGGATTTTCAACAAAAGATTGTCAATGGCTGGCAGGTTGAAGAAGCTGACGACTGGCTGCGCTACGG
 AAACCCATGGGAGAAGGCGCGCGGAGTACATGCTGCCTGTGCACCTTACGGGAGGGTGGAGCACACC
 CCTAACGGTGTCCCTCGGCTGGACACACAGGTGGTACTGCCATGCCCTATGACACCCAGTGCCTGGGT
 ATAAGAACAACACCGTCAACACCATGAGGCTCTGGTCTGCCAAGGCACCCAATGACTTCAAGCTGAAGGA
 CTTCAACGTTGGGGACTACATCGAAGCTGTCTGGACAGGAACCTGGCCGAGAACATCTCCAGGGTCTCTG
 TATCCCAATGACAATTTCTTCGAGGAAAGGAGCTGCGGCTGAAGCAGGAGTACTTTGTGGTGGCCGCCA
 CCCTCCAGGACATCATTAGAAGTTCAAGTCGTCGAAGTTGGCTGCCGGGATCCAGTGAGAACCTGTTT
 CGAGACATTCCAGACAAGGTAGCCATCCAGCTGAATGACACCCATCCCGCGCTGCCATCCCGAGCTC
 ATGCGGATCCTGGTGGACGTGGAGAAGGTAGACTGGGTAAGGCCCTGGGAGATCACCAAGAAGACCTGTG
 CCTACCAACCAACTGTGCTGCCGAGGCCTTGGAGCGCTGGCCCGTGTCTATGTTTGAGAAGCTGTG
 GCCGCGACACCTGGAAATCATCTATGCCATCAACCAGAGGCACCTGGATCACGTGGCTGCCCTGTTTCCC
 GGGGATGTGGACCGCTTGAAGGAGTGTCTGTGATTGAGGAAGGGGACTGCAAGAGAATCAACATGGCAC
 ACCTGTGTGATTGGGTCCCACGCCGTGAACGGGTGGCAAGGATCACTCCGAGATCGTGAAGCAGTC
 TGTCTTCAAGGACTTTTATGAGCTGGAGCCAGAGAAGTTCCAGAACAAGACCAATGGTATCACGCCCCGA
 CGGTGGCTGCTCTGTGCAATCCGGGCTGGCAGAAATCATTGTGGAGAGAATCGGGGAAGTTTCTCTGA
 CTGATCTGAGCCAACTGAAGAAGCTGCTGCTCACTGGTTGATGATGAGGCCTTCATCAGGGATGTAGCCAA
 GGTCAAGCAGGAAAACAAGCTGAAGTTCTCTGCCAGCTAGAGAAGGAATACAAGGTGAAGATCAACCCT
 GCGTCCATGTTTGTGATGTGCACGTCAAGAGGATCCACGAGTACAAGCGGCAGCTGCTCAACTGCTTACACA
 TCATCACCTGTACAACCGAATAAAGAAGGATCCAACCAAGACCTTTGTGCCCAGGACTGTTATGATCGG
 AGGCAAGGCAGCTCCTGGTTACCACATGGCTAAGATGATCATCAAGCTGGTCACATCCATTGGAGATGTT
 GTCAATCATGATCCAGTTGTGGGCGACAGGCTCAGAGTATCTTCTGGAGAACTACCGTGTGCTTTAG
 CTGAGAAAGTGATCCCAGCCGCCGACCTGTACAGCAGATCTCCACTGCGGGCACCAGGCGCTCGGGCAC
 CGGCAACATGAAGTTCATGCTCAACGGAGCTCTCACCATCGGCACCATGGATGGTCCAACGTGGAGATG
 GCCGAGGAGGCCGGGAGGAGAACCTCTCATCTTTGGTATGCGGGTGAAGATGTTGAGGCCTTGACC
 AGAAAGGGTACAATGCCAGAGAATTCTACGAGCGCCTGCCTGAGCTGAGGCAGGCTGTGGATCAGATCAG
 CAGTGGCTTCTTTCTCCAAAGATCCAGACTGCTTCAAGGATGTGGTTAACATGCTGATGTACCATGAC
 AGATTCAGGTATTTGCAGACTATGAAGCCTACATCCAATGCCAGGCCAGGTGGACCATCTATACCGGA
 ATCCCAAGGATTGGACTAAAAAGGTGATCAGAAATATAGCCTGCTCTGGCAAATCTCCAGTGACCGGAC
 CATCACTGAGTATGCCGGGAGATCTGGGGTGTAGAGCCCTCTGACCTGCAGATCCCACCCCTAATCTC
 CCAAGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_013188
Insert Size: 2532 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:	NM_013188.1 , NP_037320.1
RefSeq Size:	3873 bp
RefSeq ORF:	2532 bp
Locus ID:	25739
UniProt ID:	P53534
Cytogenetics:	3q41
Gene Summary:	brain specific isozyme of glycogen phosphorylase; poorly activated by phosphorylation [RGD, Feb 2006]