

Product datasheet for **SC214875**

GPBB (PYGB) (NM_002862) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GPBB (PYGB) (NM_002862) Human 3' UTR Clone
Symbol:	GPBB
Synonyms:	GPBB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002862
Insert Size:	1520 bp



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Insert Sequence: >SC214875 3'UTR clone of NM_002862
The sequence shown below is from the reference sequence of NM_002862. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCCCGCCCCCAACATCCCCCGGGACAGGCACACCCCTGCCTTGGCGGGACCAGCGGGCATTGTGTTT
CTTGCTGACTTTGCACCTCCTTTTTTCCCAAAACACTTTGCCAGCCACTGGTGGTCCCTGCTTTTCTGA
GTACCATGTTTCCAGGAGGGGCCATGGGGTCAAGGTGTTTGGAGAGCAGGGTAAGGAAGGAATGT
GCTAGAAGTGCTCCTAGTTTCTGTAAAGGAAGCCAGAGTTGACAGTACAAAGGGTCGTGGCCAGCCCT
GCAGCTTCAGCACCTGCCCCACCCAGAGTGGGAGTCAGGTGGAGCCACCTGCTGGGCTCCCCAGAAGT
TTGCACACATCTTGCTATGTATTAGCCGATGTCTTTAGTGTGAGCCTCTGGATTCTGGGGTCTGGGCC
AGTGGCCATAGTGAAGCCTGGGAATGAGTGTTACTGCAGCATCTGGGCTGCCAGCCACAGGAAGGGCC
AAGCCCCATGTAGCCCCAGTCATCCTGCCAGCCCTGCCTCTGGCCATGCCGGGAGGGGTCCGATCCT
CTAGGCATCGCCTTCACAGCCCCCTGCCCTCTGCCTCTGCTGCTGCTGCACCTGGTATATGGGTCA
TGGACCCAGATGGGGCTTTCCCTTTGTAGCCATCCAATGGGCATTGTGTGGGTGCTTGAACCCGGGAT
GACTGAGGGGGACACTGGAGTGGGTGCTTGTGTCTGCTGTCTCAGAGGCCTTGGTCAGGATGAAGTTGG
CTGACACAGCTTAGCTTGGTTTTGCTTATTCAAAGAGAAAATACTACACATGGAATGAACTAGCT
GAAGCCTTTTCTGTTTTAGCAACTGAAATTTGTAAGTGGTCACTTTTGTGCTTGAGGAGGCCATTTT
CTGCCTGGCAGGGGGCAGGTCTGTGCCCTCCCGCTGACTCCTGCTGTGCTGCTGAGGTGCATTTCTGTT
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ACCAGGGGTCCCGGAGGAACCCATTTGTCTCTGCTTGGACAGCAGGCCTGGCACTGGGAGGTGGGGT
GAGCCCCCTCACAGCCTTGCCCTCCCAAGGCTGGCAACCTGCCCTCCATTGCCCAAGAGAGAGGGCAG
GGAACAGGCTACTGTCTTCCCTGTGGAATTGCCGAGAAATCTAGCACCTTGCATGCTGGATCTGGGCT
GCGGGGAGGCTCTTTTCTCCCTGGCCTCCAGTGCCACAGGAGGATCTGCGCACGGTGCACAGCCCA
CCAGAGCACTACAGCCTTTATTGAGTGGGGCAAGTGCTGGGCTGTGGTCTGCTGACAGCATCTTC
CCCAGGCAGCGGCTCTGTGGAGGAGGCCATACTCCCTAGTTGGCCACTGGGGCCACCACCTGACCAC
CACTGTGCCCTCATTGTTACTGCCTTGTGAGATAAAAACTGATTAAACCTTTGTGGCTGTGGTTGGCT
GA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_002862.4

Summary:	The protein encoded by this gene is a glycogen phosphorylase found predominantly in the brain. The encoded protein forms homodimers which can associate into homotetramers, the enzymatically active form of glycogen phosphorylase. The activity of this enzyme is positively regulated by AMP and negatively regulated by ATP, ADP, and glucose-6-phosphate. This enzyme catalyzes the rate-determining step in glycogen degradation. [provided by RefSeq, Jul 2008]
Locus ID:	5834
MW:	55