

Product datasheet for **SC203708**

PYGM (NM_005609) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PYGM (NM_005609) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PYGM
Synonyms:	GSD5
ACCN:	NM_005609
Insert Size:	291 bp
Insert Sequence:	>SC203708 3'UTR clone of NM_005609 The sequence shown below is from the reference sequence of NM_005609. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGCCTGCCAGCCCCGGATGAGGCCATCTGAGCCTCCAGACCAGACCCCAAACCAGCCCTTGAGTCTGTG ACACTCTCTTGGCCAGCCCCAGCACCTCATGCAGAGGGTGGGTTACTGGAGTTAGATCTCTAAGCCCC TCCTGGAACCCTCAATTTCCCCTCAATGTCCAGTGTCCAGCGTGACTAAGGACACGGCCCCCT TCCGTCTCGGGCTCCCGTCCCCTCTATTTATGGGGTCTGACCAACTGCACCCACTCCCTAATAAAT TCATTCTCCTTGGGA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u>NM_005609.4</u>



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Summary: This gene encodes a muscle enzyme involved in glycogenolysis. Highly similar enzymes encoded by different genes are found in liver and brain. Mutations in this gene are associated with McArdle disease (myophosphorylase deficiency), a glycogen storage disease of muscle. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Sep 2009]

Locus ID: 5837

MW: 10.4