

Product datasheet for **SC203707**

PYGM (NM_001164716) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PYGM (NM_001164716) Human 3' UTR Clone
Symbol:	PYGM
Synonyms:	GSD5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001164716
Insert Size:	317 bp
Insert Sequence:	<p>>SC203707 3'UTR clone of NM_001164716 The sequence shown below is from the reference sequence of NM_001164716. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGCCTGCCAGCCCCGGATGAGGCCATCTGAGCCTCCAGACCAGACCCCAAACCAGCCCTTGAGTCTGTG ACACTCTCTTGGGCCAGCCCCAGCACCTCATGCAGAGGGTGGGGTACTGGAGTTAGATCTCTAAGCCCC TCCTGGAACCCTCATTTCCTCACTCTCAATGTCCAGTGTCCAGCGTGACTAAGGACACGGGCCCCCT TCCGTCTCGGGCTCCCGGTCCCTCCTATTTATGGGGTCTGACCAACTGCACCCACTCCCTAATAAAT TCATTCTCCTTGGGAGCCTCCTTAAAAAAAAAAAAAAAAAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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_001164716.1</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: 11.3