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Product datasheet for RC212365L3V

PYGM (NM_005609) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PYGM (NM_005609) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PYGM
Synonyms:	GSD5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005609
ORF Size:	2526 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212365).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005609.1
RefSeq Size:	3447 bp
RefSeq ORF:	2529 bp
Locus ID:	5837
UniProt ID:	P11217
Cytogenetics:	11q13.1
Domains:	phosphorylase
Protein Families:	Druggable Genome

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Protein Pathways: Insulin signaling pathway, Starch and sucrose metabolism

MW: 96.9 kDa

Gene 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]