

Product datasheet for **SC203482**

PKMYT1 (NM_182687) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PKMYT1 (NM_182687) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PKMYT1
Synonyms:	MYT1; PPP1R126
ACCN:	NM_182687
Insert Size:	270 bp
Insert Sequence:	>SC203482 3'UTR clone of NM_182687 The sequence shown below is from the reference sequence of NM_182687. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GGTGCACACCCAGGGATGCCCTGGACCTAAGTGACATCAACTCAGAGCCTCCTCGGGCTCCTTCCCCT CCTTTGAGCCTCGGAACCTCCTCAGCCTGTTTGGAGACACCCTAGACCCAACCTGAGCCCCAGACTCTG CCTCTGCACTTTTAACTTTTATCCTGTGTCTCTCCCGTCGCCCTTGAAAGCTGGGGCCCCCGGGAAC TCCCATGGTCTTCTGCTGCTGGCCGTGTCTAATAAAAAGTATTTGAACCTTGGGAGCACCCAA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_182687.3</u>



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Summary: This gene encodes a member of the serine/threonine protein kinase family. The encoded protein is a membrane-associated kinase that negatively regulates the G2/M transition of the cell cycle by phosphorylating and inactivating cyclin-dependent kinase 1. The activity of the encoded protein is regulated by polo-like kinase 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

Locus ID: 9088

MW: 9.5