

## Product datasheet for **SC208214**

### PKM2 (PKM) (NM\_182470) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PKM2 (PKM) (NM\_182470) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PKM  
**Synonyms:** CTHBP; HEL-S-30; OIP3; p58; PK3; PKM2; TCB; THBP1  
**ACCN:** NM\_182470  
**Insert Size:** 651 bp  
**Insert Sequence:** >SC208214 3'UTR clone of NM\_182470  
The sequence shown below is from the reference sequence of NM\_182470. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACACCATGCGTGTGTTCTCTGTGCCGTGATGGACCCAGAGCCCTCCTCCAGCCCTGTCCCACCCC
CTTCCCCAGCCATCCATTAGGCCAGCAACGCTTGTAGAACTCACTCTGGGCTGTAACGTGGCACTGG
TAGGTTGGGACACCAGGGAAGAAGATCAACGCCTCACTGAAACATGGCTGTGTTTGACGCCCTGCTCTAG
TGGGACAGCCAGAGCCTGGCTGCCATCATGTGGCCCCACCAATCAAGGGAAGAAGGAGGAATGCTG
GACTGGAGGCCCTGGAGCCAGATGGCAAGAGGGTGACAGCTTCTTTCTGTGTACTCTGTCCAGT
TCCTTTAGAAAAAATGGATGCCAGAGGACTCCCAACCCTGGCTTGGGGTCAAGAAAACAGCCAGCAAGA
GTTAGGGGCTTAGGGCACTGGGCTGTTGTTCCATTGAAGCCGACTCTGGCCCTGGCCCTTACTTGCTT
CTCTAGCTCTTAGGCCCTCCAGTTTGCACCTGTCCCCACCCTCCACTCAGCTGTCTGCAGCAAACA
CTCCACCCTCCACCTTCCATTTTCCCCACTACTGCAGCACCTCCAGGCCCTGTTGCTATAGAGCCTACC
TGTATGTCAATAAACAACAGCTGAAGCACC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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.



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RefSeq: [NM\\_182470.4](#)

**Summary:** This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported. [provided by RefSeq, May 2011]

**Locus ID:** 5315

**MW:** 23.7