

## Product datasheet for SC209329

### PBK (NM\_018492) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PBK (NM\_018492) Human 3' UTR Clone  
**Symbol:** PBK  
**Synonyms:** CT84; HEL164; Nori-3; SPK; TOPK  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_018492

**Insert Size:** 711 bp

**Insert Sequence:** >SC209329 3'UTR clone of NM\_018492  
The sequence shown below is from the reference sequence of NM\_018492. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTGTTGAAGCTCTGAAACAGATGTCTAGTGATCATCTCAGCTGAAGTGTGGCTTGCCTAAATAACTG
TTTATTCCAAAATATTTACATAGTTACTATCAGTAGTTATTAGACTCTAAAATTGGCATATTTGAGGAC
CATAGTTTCTTGTTAACATATGGATAACTATTTCTAATATGAAATATGCTTATATTGGCTATAAGCACT
TGAATTGTACTGGGTTTTCTGTAAGTTTTAGAACTAGCTACATAAGTACTTTGATACTGCTCATGC
TGACTTAAACACTAGCAGTAAAACGCTGTAACCTGTAACATTAATGAATGACCATTACTTTTATTA
ATGATCTTTCTTAAATATTCTATATTTTAAATGGATCTACTGACATTAGCACTTTGTACAGTACAAAATA
AAGTCTACATTTGTTTAAACACTGAACCTTTGCTGATGTGTTATCAAATGATAACTGGAAGCTGAG
GAGAATATGCCTCAAAAAGAGTAGCTCCTTGGATACTTCAGACTCGGTTACAGATTGTCTTGATCTCT
TGGATCTCCTCAGATCTTTGGTTTTGCTTTAATTTAATTAATGTATTTCCATACTGAGTTTAAATTT
TATTAATTTGTACCTTAAGCATTTCAGCTGTGTAACAAATAAACTCAAATAGGATGATAAAGAA
TAAAGGACACTTTGGGTACCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_018492.4</a></u>
<b>Summary:</b>	This gene encodes a serine/threonine protein kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. The encoded protein may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis. Overexpression of this gene has been implicated in tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
<b>Locus ID:</b>	55872
<b>MW:</b>	28.1