

## Product datasheet for **SC209666**

### Hexokinase 1 (HK1) (NM\_033496) Human 3' UTR Clone

#### Product data:

Product Type: 3' UTR Clones

Product Name: Hexokinase 1 (HK1) (NM\_033496) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: HK1

Synonyms: hexokinase; HK; HK1-ta; HK1-tb; HK1-tc; HKD; HKI; HMSNR; HXK1; NEDVIBA; RP79

ACCN: NM\_033496

Insert Size: 777 bp

Insert Sequence: >SC209666 3'UTR clone of NM\_033496  
The sequence shown below is from the reference sequence of NM\_033496. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGCGGTTACGCACAGAGGCAAGCAGCTAAGAGTCCGGGATCCCCAGCCTACTGCCTCTCCAGCACTTC
TCTCTTCAAGCGCGACCCCTACCCTCCAGCGAGTTGCGCTGGGAGACGCTGGCGCCAGGGCCTGCC
GGCGCGGGGAGGAAAGCAAAATCCAATAATGGTATATATTGTAGGGTACAGAATAGAGCGTGTGCTGT
TGATAATATCTCTCACCCGGATCCCTCCTCACTTGCCCTGCCACTTTGCATGGTTTGATTTTGACCTGG
TCCCCACGTGTGAAGTGTAGTGGCATCCATTTCTAATGTATGCATTCATCCAACAGAGTTATTTATTG
GCTGGAGATGGAAAATCACACCACCTGACAGGCCTTCTGGGCCTCAAAGCCCATCCTTGGGGTTCCCC
CTCCCTGTGTGAAATGTATTATCACCAGCAGACTGCCGGCCTCCCTCCGGGGGCACTGCCTGAAG
GCGAGTGTGGGCATAGCATTAGCTGCTTCCCTCCTGGCACCCACTGTGGCCTGGCATCGCATCGT
GGTGTGCAATGCCACAAAATCGTGTGTCGTTGGAACCAAGTCCAGCCGCGTGTGACAGTCTTGCATTC
TGTTTGTCTCGTGGGGGAGGTGGACAGTCTGCGGAAATGTGTCTTGTCTCCATTTGGATAAAAAGGAA
CCAACCAACAAACAATGCCATCACTGGAATTTCCACCCTTTGTGAGCCGTGTCGTATGACCTAGTAA
ACTTTGTACCAATTCAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

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_033496.3</a></u>
<b>Summary:</b>	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in several transcript variants which encode different isoforms, some of which are tissue-specific. [provided by RefSeq, Apr 2016]
<b>Locus ID:</b>	3098
<b>MW:</b>	28