

## Product datasheet for **SC209663**

### Hexokinase 1 (HK1) (NM\_033498) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Hexokinase 1 (HK1) (NM_033498) 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_033498
Insert Size:	777 bp
Insert Sequence:	>SC209663 3'UTR clone of NM_033498 The sequence shown below is from the reference sequence of NM_033498. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGCGGTTACGCACAGAGGCAAGCAGCTAAGAGTCCGGGATCCCCAGCCTACTGCCTCTCCAGCACTTC
TCTCTTCAAGCGCGACCCCTACCCTCCCAGCGAGTTGCGCTGGGAGACGCTGGCGCCAGGGCCTGCC
GGCGCGGGGAGGAAAGCAAAATCCAATAATGGTATATATTGTAGGGTACAGAATAGAGCGTGTGCTGT
TGATAATATCTCTCACCCGGATCCCTCCTCACTTGCCCTGCCACTTTGCATGGTTTGATTTTGACCTGG
TCCCCACGTGTGAAGTGTAGTGGCATCCATTTCTAATGTATGCATTCATCCAACAGAGTTATTTATTG
GCTGGAGATGGAAAATCACACCACCTGACAGGCCTTCTGGGCCTCAAAGCCCATCCTTGGGGTTCCCC
CTCCCTGTGTGAAATGTATTATCACCAGCAGACTGCCGGCCTCCCTCCCGGGGGCACTGCCTGAAG
GCGAGTGTGGGCATAGCATTAGCTGCTTCCCTCCTGGCACCCACTGTGGCCTGGCATCGCATCGT
GGTGTGCAATGCCACAAAATCGTGTGTCGTTGGAACCAAGTCCAGCCGCGTGTGACAGTCTGCATTC
TGTTTGTCTCGTGGGGGAGGTGGACAGTCTGCGGAAATGTGTCTTGTCTCCATTTGGATAAAAAGGAA
CCAACCAACAAACAAATGCCATCACTGGAATTTCCACCCTTTGTGAGCCGTGTCGTATGACCTAGTAA
ACTTTGTACCAATTCAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCCTTCTATGAAAGG
  
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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>	<a href="#">NM_033498.3</a>
<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