

## Product datasheet for SC201173

### Transketolase (TKT) (NM\_001064) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Transketolase (TKT) (NM_001064) Human 3' UTR Clone
Symbol:	Transketolase
Synonyms:	HEL-S-48; HEL107; SDDHD; TK; TKT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001064
Insert Size:	1074 bp
Insert Sequence:	>SC201173 3'UTR clone of NM_001064 The sequence shown below is from the reference sequence of NM_001064. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GCTGTGAGGGGCTCATACCAAGGCCTAGGGCGGGTATGAAGTGTGGGGCGGGGTCTATACATTCCT
GAGATTCTGGGAAAGGTCTCAAAGATGTACTGAGAGGAGGGTAAATATATGTTTTGAGAAAAATGAA
TTGGCCCTGAAATGTTTTCTTTTTGATGTGTTTGCAGCCAGTGCAGGTTCTGGGAAGAAGCGTGGAG
GGTGCCTAGGGAGGCTGGTGCCTTGGTCTGGCCAGGACCTGGGTGTCCAAGTCCCCTTGGAAATC
ACCTGCAACTGCCCTCAACCTCCAGAATATCGCTGCCTCCCATTCATCACCAGGTGACATTTGACTGC
AACCTGCCTTCTAGCTGAGAGGCTGAGACCTACATCCCTCATTGTGACCTCAGTCCACCTGGCCCTGAG
CGGGCTGGGAACTGCCTCAGTCTGGAAGCTGACCAGGCACTCTCAGGGCCGCCCACTCCCCAAGT
CCCCACAGCCTTGCACTCAGGCTCCTGGGATAGGGAGGTTCACTTGCTTGTGTCCCTCGTCTTGTG
ATATCCTTTAACTAGGCATCTCAGAGAAGCAGAGACAGGGCAGCCTTCGTCTGGGGGAAAAGGGACC
CTCAGGATGGCATGAGAGGTCCTCAATCCCAAGTGTGGAAGTGTCCCCCTCAACTTGTTAAAATGCAGA
TTTCTGGTCTTGCCAATGGGGCCTGGGACTCCATGTGACAACTGGCCCAGGAGCTTCTGATGTCACAC
AGAATTCTGCAGTCCCAAGCTCCAGCCCCGACCTGCTCTGCTGTTCTAGGTGACTGCCCTCACACTGC
TGACCACAGTGGATTTCTCCCCCTGCTGCTCGGGCTCAGCTGGGGTCAAGCCTGCTTATAAGGTCAACT
GTGCAAAAACCTTATACTGGCCAAGAACAATACTAGTGTGGGGGAGGAGGCTGGGTGCCCCGGCCACTG
GTGGAGTCCCCAGGAAATCCTCAGAGCTGTTGCGAGGATGAGACACATTTGTGGACACGTCCACCTGTC
CTCCTGACCGTCTGGAGAGAATAAACCTGTCAAAGCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<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_001064.4</a></u>
<b>Summary:</b>	This gene encodes a thiamine-dependent enzyme which plays a role in the channeling of excess sugar phosphates to glycolysis in the pentose phosphate pathway. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2012]
<b>Locus ID:</b>	7086
<b>MW:</b>	38.6