

## Product datasheet for **SC207694**

### Triosephosphate isomerase (TPI1) (NM\_000365) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Triosephosphate isomerase (TPI1) (NM\_000365) Human 3' UTR Clone  
**Symbol:** Triosephosphate isomerase  
**Synonyms:** HEL-S-49; TIM; TPI; TPID  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_000365  
**Insert Size:** 595 bp  
**Insert Sequence:** >SC207694 3'UTR clone of NM\_000365  
 The sequence shown below is from the reference sequence of NM\_000365. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCGTGGACATCATCAATGCCAAACAATGAGCCCCATCCATCTTCCCTACCCTTCTGCCAAGCCAGGG
ACTAAGCAGCCCAGAAGCCAGTAACTGCCCTTCCCTGCATATGCTTCTGATGGTGTCTGCTCCT
TCCTGTGGCCTCATCCAACTGTATCTTCTTTACTGTTTATATCTTACCCTGTAATGGTTGGACCA
GGCCAATCCCTTCTCCACTTACTATAATGGTTGGAACAAACGTCACCAAGGTGGCTTCTCCTTGGCTG
AGAGATGGAAGCGTGGTGGGATTTGCTCCTGGGTTCCCTAGGCCCTAGTGAGGGCAGAAGAGAAACCA
TCCTCTCCCTTCTACACCGTGAGGCCAAGATCCCTCAGAAGGCAGGAGTGCTGCCCTCTCCATGGT
GCCCGTGCCTCTGTGCTGTGTATGTGAACCACCCATGTGAGGGAATAAACCTGGCACTAGGTCTTGTGG
TTTGTCTGCCTTCACTGGACTTGCCAGATAATCTTCTTTTGGAGGCAGCTATAAAATGATCATTGG
TGCAAGAAAAAAAAAAAAAAAAACAAGAACAGGTTTCTATAACAACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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_000365.6</a>
<b>Summary:</b>	This gene encodes an enzyme, consisting of two identical proteins, which catalyzes the isomerization of glyceraldehydes 3-phosphate (G3P) and dihydroxy-acetone phosphate (DHAP) in glycolysis and gluconeogenesis. Mutations in this gene are associated with triosephosphate isomerase deficiency. Pseudogenes have been identified on chromosomes 1, 4, 6 and 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
<b>Locus ID:</b>	7167
<b>MW:</b>	22.1