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Product datasheet for SC207545

Triosephosphate isomerase (TPI1) (NM_001159287) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Triosephosphate isomerase (TPI1) (NM_001159287) Human 3' UTR Clone
Symbol:	Triosephosphate isomerase
Synonyms:	HEL-S-49; TIM; TPI; TPID
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001159287
Insert Size:	593 bp
Insert Sequence:	>SC207545 3'UTR clone of NM_001159287 The sequence shown below is from the reference sequence of NM_001159287. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCGTGGACATCATCAATGCCAAACAATGAGCCCCATCCATCTTCCCTACCCTTCCTGCCAAGCCAGGG ACTAAGCAGCCCAGAAGCCCAGTAACTGCCCTTTCCCTGCATATGCTTCTGATGGTGTCATCTGCTCCT TCCTGTGGCCTCATCCAAACTGTATCTTCCTTTACTGTTTATATCTTCACCCTGTAATGGTTGGGACCA GGCCAATCCCTTCTCCACTTACTATAATGGTTGGAACTAAACGTCACCAAGGTGGCTTCTCCTTGGCTG AGAGATGGAAGGCGTGGTGGGATTTGCTCCTGGGTTCCCTAGGCCCTAGTGAGGGCAGAAGAGAAACCA TCCTCTCCCTTCTTACACCGTGAGGCCAAGATCCCCTCAGAAGGCAGGAGTGCTGCCCTCTCCCATGGT GCCCGTGCCTCTGTGCTGTGTATGTGAACCACCCATGTGAGGGAATAAACCTGGCACTAGGTCTTGTGG TTTGTCTGCCTTCACTGGACTTGCCCAGATAATCTTCCTTTTTGAGGCAGCTATATAAATGATCATTTG TGCAAGAAAAAAAAAAAAAACAAGAACAGGTTTCTATAACAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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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Components:	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.
RefSeq:	NM_001159287.1
Summary:	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]
Locus ID:	7167
MW:	22