

## Product datasheet for **RN206797**

### **Tpi1 (NM\_022922) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tpi1 (NM_022922) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tpi1
Synonyms:	Tpi
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206797 representing NM_022922 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGCCTTCCAGGAAGTTCTTCGTCGGGGCAACTGGAAGATGAACGGGAGGAAGAAATGCCTGGGAG  
AACTCATCTGCACTCTGAACGCAGCCAAGCTGCCGGCAGACACCGAGGTGGTTTGTGCACCGCCAACCGC  
CTACATCGACTTTGCCAGGCAGAAGCTGGATCCCAAAATTGCTGTGGCTGCACAGAAGTCTACAAAGTG  
ACCAATGGGGCCTTCACTGGGAAATCAGTCCTGGCATGATCAAGGACTTAGGAGCTACCTGGGTGGTGC  
TGGGACACTCTGAAAGAAGACACATCTTTGGGGAATCAGACGAGTTGATTGGGCAGAAAGTGAACCATGC  
CCTATCCGAGGGACTCGGAGTGATCGCCTGCATTGGGGAGAAGTTAGACGAAAGGGAAGCTGGCATCACT  
GAGAAGGTTGTTTTGAGCAAACCAAGGCCATCGCAGATAATGTGAAGGACTGGTGAAGGTGGTCTCTGG  
CCTATGAACAGTATGGGCCATTGGGACTGGCAAGACTGCAACCCTCAACAGGCCCAGGAAGTACACGA  
GAAGCTCCGGGGATGGCTGAAATGCAACGTCTCTGAGGGGGTGGCTCAGTGCCTCGGATCATTTATGGA  
GGTTCTGTGACTGGAGCGACTTGCAAAGAGCTGGCAAGCCAGCCTGATGTGGATGGCTTCTCGTGGCGC  
GTGCATCTCTCAAGCCTGAATTCGTGGACATTATCAATGCCAAACAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_022922
Insert Size:	750 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022922.2</a> , <a href="#">NP_075211.2</a>
<b>RefSeq Size:</b>	1471 bp
<b>RefSeq ORF:</b>	750 bp
<b>Locus ID:</b>	24849
<b>UniProt ID:</b>	<a href="#">P48500</a>
<b>Cytogenetics:</b>	4q42
<b>Gene Summary:</b>	may catalyze the conversion of D-glyceraldehyde 3-phosphate to glycerone phosphate [RGD, Feb 2006]