

Product datasheet for **MC220284**

Tpte (NM_199257) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tpte
Synonyms:	Pten2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC220284 representing NM_199257
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTATGGAGAAAAGAAGAGCCATTTGTATCTCTGGATGGAACACTATGGGTATGACATGCCTGCAAATA
 TTTACAAGATGTATTCTCAGCCCTCCAGAAAAACGGATGATGCAAAATAAAAGGTGTGAGTGAGTGCTTC
 AAGGACCATTAAACTAAATGGCAGCACTGGCTACGACACAATGAACAGATAAACAATACTAACCGGG
 AGCAGTTTGTATATCCAGATGAAATAAAATCAGCAAGTTATGCGGACCCCATCAGTACAAAAGCATATA
 CAAATGATTCTGTCAGTATACGACCTGGGGGAGCTTCGAGCAGCACAACCCTGTATGAATGAATTCCTT
 GAGTGAAGTATCGAAAGAAATCATTACCCAGGGAGAATCTGCTTTACTACGTGATAAAGAAGCTACCAGC
 GAACTCAAAATCCCAAGTACACTGCAACGCAGACGTCCATGTCCACCAACACTCTCTCCTTATCTGATT
 TATCATCAGATTACCAGGAAGAGCAATGAACAAATGCAAGTTAAACCAGATGTCCAAGTTGTACGACGA
 TGATGAACGTACTGATATCAAAAGTCATACTGGAATGTGGTTAAGAAATTTGTGCGCATCCTTGTGTCC
 TCGGTTGCTTCAGAAATTTTGAATTTTCTGGTCATTCTGGATGATTCTTGTGGTTGTGATCTAA
 ATGTCTCTGAAAAGAAAATTTATATTCCTTTGGACTATCGTTCCATTTCTTTAGCGATTGCTTTATTTTT
 CCTCGTGGATGTTCTTCTAGAGTGTCTGTAGAAGGGAGACGGCGCTATTTCTCTGACGTACTGAACACC
 CTAGACGCTGTGGTCATCGGTGTGACTGTGGTTGTGGCTGTCAATTTATGCACTTTATGACAAACACTTTC
 TCAGAGATATCCCAAGACTGGCAGTTTACTGCGGCCTCTACGACTGCTCATTCTGATAAGGATTCTGCA
 ACTGGCTCATCAAAAGAGACAACCTGAAAGGCTGACCAGGAAGCTGGTATCGGGTAACAAGCGACGCTAC
 AAGAAGGATGGCTTTGACCTAGACCTCACTTACGTCACTGAGCGTATTATTGCCATGTCAATTCATCGT
 CTGGAAGGGAGTCCTTCTACAGAAATCCAATCAAGGAGTTGTGCGGTTCTGGATACCAAGCACCCAAA
 CCACTATCAAGTCTACAATCTATGCAGTGAGAGAGCTTATGACCCTAAGCACTTCCACTACAGGGTCCGC
 AGAATCATGATTGATGATCATAATGTCCCACTCTTGAGGAAATGTTGTTGTTCTCAAGGAAGTAAATA
 ATTGGATGGCTCAAGATCCTGAAAATGTTGTGCGGATTCAGTGAAGGGAGGAAAAGGAAGAACTGGAAC
 CATGGTGTGTGCTGCTCATTGCCAGTGAAATAGTTTTAATGCAAGGAAAGTCTGACTTTTTTGGAA
 GAGCGGCGGACAGATAAAAGCAACAGCTCGAAGTTCCAAGGAATAGAGACCCCTTCTCAGAAATAGATATG
 TGAAATATTTTGAAGAACTGAAATTAACCTACCAACTAACTCTCCCTCCAAAAAGTACTCGTGATAAA
 AAGATTGGTCGTTATTCCATTCATGGCGTTGGAAAAGGCGACGGGAGTACCTGGAAGTACAAATCATA
 ATGTGGCAGGAGACTGTTTTTCTTTTGAATTCAGGAATTGTATGATTTTCATGACCTGAAACAG
 ACAGAGCAATAATCAATGTGTTCCATTGCCCGGCTCTATACGATGATGTGAAAGTGAATTTCTCTCTCC
 GAATCTTCTAAATACTATGATGACTGCCCTTTTTCTTTTGGTTTCATACATCTTTTATTTAAAAATAAC
 AGGCTTTATCTACCAAGAAACGAATTGGATAATACCCATAAACCAAAAACATGGAAAATTTATGGTGAA
 AGTTTGCACTAGAGGTGGATTTTGGTGAGAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_199257

Insert Size:

1995 bp

OTI Disclaimer:

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).

Components:

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).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_199257.2, NP_954866.2</u>
RefSeq Size:	2549 bp
RefSeq ORF:	1995 bp
Locus ID:	234129
Cytogenetics:	8 A2