

Product datasheet for MC227155

Ttpal (NM_029512) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ttpal (NM_029512) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ttpal
Synonyms: 3110080A02Rik; 5830472M02Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227155 representing NM_029512
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCAGAAGAAAGTGACTCTCTGAGAACCAGCCCTCTGTGGCCTCACTCTCCGAAAATGAGCTGCCAC
 TGCTCCACCGGACCCTCCGGCTACGTGTCTCCCTGACAGAAGACTTGGTCACCAAAGCCAGGGAAGA
 GCTGCAGGAGAAGCCGAGTGGAGGCTGCGGGATGTGCAGGCCCTCCGAGACATGGTGCGGAAGGAGTAC
 CCATACCTGAGCAGTCCGCTGGACGATGCCTTCCTGTTGCGCTTTCTGAGGGCCGAAAAGTTTGATTATG
 ACCGGGCCCTGCAGCTGCTGGTCAACTACCACGGCTGCAGGCGGAGCTGGCCAGAGGTCTTCAGCAACCT
 GAGGCCGTGAGCCCTGAAAGACGTTCTCAACTCTGGATTCCCTTACAGTGTGCCCCACACGGACCCAGG
 GGCTGCCATGTCTCTGCATCCGACCAGACAGATGGATACCAAGCAACTACCCAATTACCGAGAACATCC
 GAGCCGTACTTGACATTAGAAAACTCATTTCAGTCCGAGGAGACCCAGGTGAACGGGATTGTTATCCT
 TGCCGACTACAAGGGAGTGAGCTTATCAAAAGCATCTCATTGTTGGCCTTTTATAGCCAAAAGGTGATT
 GGCATCCTTCAGGATGGCTTCCCATTTCGATAAAAAGCAGTTCACATAGTGAACGAACCTCGGATATTTA
 AGGGCATTTCGCCATCATAAAACCATTTCTGAAGGAGAAAATTGCTAACAGGTTCTTCCATGGGTC
 TGACCTGAACTCTCCACACAAACCTGCCAAGGAATATCCTCCCAAGGAGTATGGGGGCACAGCTGGG
 GAGCTGGACACTGCCTCCTGGAACGCCGTGCTGCTGGCCTCAGAGGAGGATTTTGTGAAAGATTCTGCC
 AGCCCATGCCTGCCTGCGACAACCTCCTGGGCCAGCCCTGCTACCTGAGGGGCTGATCTCAGATGCGCA
 GTGTGATGACTCCATGCGAGCCATGAAGTCCCAGCTCTACTCCTGCTAT**TAG**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029512



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Insert Size:	1032 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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.
RefSeq:	<u>NM_029512.2</u> , <u>NP_083788.2</u>
RefSeq Size:	4551 bp
RefSeq ORF:	1032 bp
Locus ID:	76080
UniProt ID:	<u>Q9D3D0</u>
Cytogenetics:	2 H3
Gene Summary:	May act as a protein that binds a hydrophobic ligand.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Variants 1 and 2 encode the same isoform.