

Product datasheet for **MC202535**

Ttpal (NM_181734) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttpal (NM_181734) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttpal
Synonyms:	3110080A02Rik; 5830472M02Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC052389 sequence for NM_181734
 CGCGCGCTGCCAGCCGAGGCTCCTGCCGCGTGACCCGCGCTCCGCCCGCCGGGCTGGGACCCTGAT
 AGCTAATGTCAGAAGAAAGTGACTCTGTGAGAACCAGCCCTCTGTGGCCTCACTCTCCGAAAATGAGCT
 GCCACTGCCTCCACCGGACCCTCCCGGCTACGTGTGCTCCCTGACAGAAGACTTGGTCACCAAAGCCAGG
 GAAGAGCTGCAGGAGAAGCCGAGTGGAGGCTGCGGGATGTGCAGGCCCTCCGAGACATGGTGCGGAAGG
 AGTACCCATACCTGAGCACGTCGCTGGACGATGCCTTCTGTTGCGCTTCTGAGGGCCCGAAAAGTTGA
 TTATGACCGGGCCCTGCAGCTGCTGGTCAACTACCACGGCTGCAGGCGGAGCTGGCCAGAGGTCTTCAGC
 AACCTGAGGCCGTGAGCCCTGAAAGACGTTCTCAACTCTGGATTCTTACAGTGTGCCACACCGGACC
 CCAGGGGCTGCCATGCTCCTGTCATCCGACCAGACAGATGGATACCAAGCAACTACCCAATTACCGAGAA
 CATCCGAGCCGTATACTTGACATTAGAAAACTCATTTCAGTCCGAGGAGACCCAGGTGAACGGGATTGTT
 ATCCTTGCCGACTACAAGGGAGTGAGCTTATCAAAGCATCTCATTGTTGGCCTTTTATAGCCAAAAGG
 TGATTGGCATCCTTCAGGATGGCTTCCCATTCGGATAAAAAGCAGTTACATAGTGAACGAACCTCGGAT
 ATTTAAGGGCATTTCGCCATCATAAAACCATTCTGAAGGAGAAAATTGCTAACAGGTTCTTCTCCAT
 GGGTCTGACCTGAACTCTCTCCACACAAACCTGCCAAGGAATATCCTCCCAAGGAGTATGGGGGCACAG
 CTGGGGAGCTGGACACTGCCTCCTGGAACGCCGTGCTGCTGGCCCTCAGAGGAGGATTTTGTGAAAGATT
 CTGCCAGCCATGCCTGCCTGCGACAACCTCCTGGGCCAGCCCTGCTACCTGAGGGGCTGATCTCAGAT
 GCGCAGTGTGATGACTCCATGCGAGCCATGAAGTCCCAGTCTACTCTGCTATTAGCCCTCTTTCGGGA
 GAGTACCGTGTGATTCCCTTCTCCTTAGAAAATGCACAGGCTGAGATGCCAGGACCTCCGTCCT
 GCTCCATCCCTCTGCAACAGCATGGAGCTGCCTGCAGAGATTTAAGGCACGCCATCACAGGCAGACCTT
 TGACTGAGTTATTCCAGGGAAGACATGGAATTGCCCTGGTGTACTCTTAAGTTTGCAGCTGTTACTCTG
 GAAGCTGTATCTGTTTCTTATGCATCTTGAAAGAAGTAAAGTCAAAGTCACTCTGAAGTACCAGGAGA
 AGACAACCTGACTGATCACAACCTGAAACAATCACCAATCCTTAGAGGTGGCCACACGTAAGACTTTTG
 AGTCTCTTCCATAAACCCCTAGGTGTTGACCTTTGCTCATCAGCAAAGTTCAAGGTTCAAGGTTCAAGGTT
 TGTCATTGTTGGGCTGGGAAGCACTAAGTGGTGAAGAACCCAGGCCAGGTAGTACTTAAGATCA
 AATTTGGAAGCCAAAGGCTTCAAAGCATCCCTGGGAGTCCAGGGTTAAATCTTGAATAGAACTTTTCC
 CAACCCATAAAGCCTTAGCTCTGGTTCTCCATGGAATCATGTAGGTGAGTAAATACTGGATTCTAG
 GACTGTGTGGCTAAAGCATTTGGACCAGGAGTCAGGTCGTATGACTGACAAGACACGGGCTTCAGCTTGT



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CATCTCTCAGTGAGGCTACATGGAATGAGGGTCTTTGTGGCTGCTGAAGTTGTTAGGCTTCTGCTTGGGA
 AGACATTACCTAGAGGTGGTTGGATCTTTTTGTTTTGTTTTGTTGTAGTATGAATACAGCCTTATGTAAA
 GGAACAGCACCATCTGGCCCTCCCTTTAAAGAACTAGTATGTTCTGGGAGTTGGTGGAGACCAACTGC
 CTTTGCAGAATAATGGGTAACTTGAAGGGATGGCTTTGGTGGAGCCGACCAGATCTCATACAACTCC
 TTCCACACTGGAGACATTCACTATATAGAAACAGCCACAGTAATTGCCAGGTTTGGGCTGTTTTGT
 CCCTGGAAACATACAGGAGCAGGCTATTGCTGGTTCACCTGGGGCCCTGCCCTCTCAGACACACTGGAG
 TCTCGTATGGGAGGACCCTTGGACTGAATGTCAGCTCTGTGTTGGGTATTTTAGACACCTGACAAGT
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 CTATGTATTATAGTGTCAAGTACTGTTGGTTGTACATCTCCTGGACTTAAAGCAGGCATTGCATACAGCTT
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 AAAATGTCTACAGAAGCTCTTTATGAAACTTACCTCAATAATGTCAATTCTATGGGACATTCTTTTAC
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 GACTTAAACAAAGGACAACCAGGCTCTTGGGAGAAATCTCAGGGCAGAAATGTTACCTGTTGCCAGGC
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 TAATGCTTGTGGACTCTAGAGATCCATCTTGGCACCTCAGCTTTGAAGCAGGCTGTGAGACCAGGACCTC
 CTGGTGCAAAAATAAGCAACTCTTATGTTGAGCAGCAGGGGAGACGAAGGCCTCACCTGCGGGAAGCACA
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 AGACAGCTGGAATCCACCTTTCCTAAATTCAAGGTCATGTGGTATATTGGAAGAAAGGGATAGAACA
 TTAACACCCTGAGTGTGGACAGGGGCTGTATGCTAACTCTGAATCCTGTTCCTGACCAGACTCTGGC
 CGTAAGGACGCTATACTTTGCCTGGTGTGAAATGCTCCTAGTGTAGGGATATGGGAATTTCTTCAAGCC
 CGCTACAGATTTCTAGGCAATTCAGCTTCTATTAATGTACGTTTTCTGCCTTCATGCAGGAATACAGAT
 AAAACCTACAGAAACAGTAAAAGTGCTGGCTTCAGGCACAGGTGGATTTGACTGTTTACATTTTATCCC
 AGGTTTGAAGCATCACAGGTTATGGGGCAGCTTCTTCAGAGTTGGAGGACTGGGGTCATTTCTCTGAA
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 GAACTTGTCTTTTCACTTTGGGCAGCAACAGCTAGCTACTCTGGTGTGTTGGTGGTATTATAATACCTCATC
 AAGGATTTTCTTATGACACCTCCTTTAGGAAGGAAAAGGCTAACTCAGTTGATAGAAGTATAGTTGTGCT
 GTGGTCATGTTAGGCAGAAACACCAGACACATGAGCTGTTGGGAGACATCTTGGTGGGCTCAGTACTGC
 AGTCTGTTCACTTTGTAACCTGCTTTCTGCTCCTGACTCAGAAATGTTGAGTTCAAATGCAAGAA
 GCACCATCAAATGCTGCTTCTCAGCGGGAAGTCTCCACAGGAAGGTCAGTGGAAATTTGCAGCTGGAA
 TCACATTTACTGGTTTGTGACCAAAATTTACTGGTTTTCAATCTTTTCCCATCAGGCAGTTACTGGTAGCC
 GCTTTGGATTCTTGTGGATGTGCCTCAGCTTCTTGGCACATTACAAAGGGCCCAACAGGTAATACTTG
 AAATTTCTCAGTGGCCAAGACCTCAGATACCCTCTCTGATGGGTGGGAAGTGGGCTATTTTCTGACCAG
 TCTAGGCCACCATTTTAGTCCCCAGTCACATCCCTTACTTCAAATGAAATTCAGTTTGGCTTTGAGTAT
 AGGCACATATGATGGATTACCTACTTCAGTGTGTTGACCAAAAGTTTATTTTCTAGTGCAATTTTCTA
 AGTGGTAAAAATATGTAATTTTAGTATGCATGACTGGGTCTCCAAAATAAAAACCCCTGGAAAGCGGAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** NM_181734
- 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).
- 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.

RefSeq: [BC052389](#), [AAH52389](#)

RefSeq Size: 4506 bp

RefSeq ORF: 1032 bp

Locus ID: 76080

UniProt ID: [Q9D3D0](#)

Cytogenetics: 2 H3

Gene Summary: May act as a protein that binds a hydrophobic ligand.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate splice site in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same isoform (1).