

Product datasheet for **SC320250**

TTPAL (NM_024331) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTPAL (NM_024331) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTPAL
Synonyms:	C20orf121
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024331.3
 GCAGGGAGTGC GGTCGGTTCTGCGTGCGCTGCCGGACGAGGCTCCCGCCGCCGATTGAC
 CCGCGCTCCGCCCGTAGTCGGGCCGTTCTGTTCCAAGAGATAACCATTTGGGACCTTGGA
 GCTAATGTCCGAAGAAAGTACTCTCTGAGAACCAGCCCTTCTGTGGCCTCACTCTCTGA
 AAATGAGCTGCCACCACCACTGAGCCTCCGGGCTATGTGTGCTCACTGACAGAAGACCT
 GGTCACCAAAGCCCGGAAGAGTGCAGGAAAAGCCGAATGGAGACTTCGAGATGTGCA
 GGCCCTTCGTGACATGGTGCGGAAGGAGTACCCCAACCTGAGCACATCCCTCGACGATGC
 CTTCTGTGCGCTTCTCCGAGCCCGCAAGTTTGATTACGACCGGGCCCTGCAGCTCCT
 CGTCAACTACCACAGCTGTAGAAGAAGCTGGCCCGAAGTCTTCAATAACTGAAGCCATC
 AGCCTTAAAGATGTCCTTGCTTCCGGGTTCTCACCGTGCTGCCCCACACTGACCCAG
 GGGCTGCCATGTCGTCTGCATCCGCCAGACAGATGGATACCAAGCAACTATCCAATTAC
 TGAAAACATCCGAGCCATATACTTGACCTTAGAAAACTCATTAGTCTGAAGAAACCA
 GGTGAATGGAATTGTAATTCTTGACAGTACAAAGGAGTGAGTTTATCAAAAGCATCTCA
 CTTTGGCCCTTTTATAGCAAAAAGGTGATTGGCATCCTCCAGGATGGTTTCCCCATTG
 GATAAAGCAGTCCATGTGGTGAATGAACCTCGAATATTTAAAGGCATTTTGGCATCAT
 AAAACCATTTCTAAAGGAGAAAAAGCAACAGATTCTTCTCCATGGGTCTGACTTGAA
 CTCTCTCCACACAAACCTTCCAAGAAGCATCTCCCAAGGAGTATGGGGCACGGCTGG
 GGAGCTGGACACTGCCACCTGGAACGCGGTACTGCTGGCTTCAAGAGACGATTTGTGAA
 AGAGTTCTGCCAACCTGTTCTGCTGTGACAGCATCCTGGGCCAGACGCTGCTGCCCGA
 GGGCTGACCTCAGATGCACAGTGTGACGACTCCTTGCGAGCTGTGAAGTACAGCTGTA
 CTCCTGCTACTAGCCCGTCCCCAGGGTACCATCTTTAATTCTTTCTTTCTTTCTTT
 GGAGAGGCACAAGGAGAAATTTAAGGGTCCATGGATTAGTCTTGCTCCTTGTAATTAAC
 TGCAGGATGGAGGAACAGCCTGAGATATGAGCATGAGCCATTTTGGGTAAGCCTTTGG
 TTACTTTAATTACTCCATGGAAGACATGGAATGTCCCACTGATTCTTAAACATTTGG
 AATCCAGTCTGCAACTATTAATCTGGAGGCTATATCTATTTTGTGTTTTGTTTGGTTG
 GGGGGTGGTGATCTGGTTCTTACACATCTTGGAAGCAAGAACAATCAGGACCAAGTCAC
 TTTGATCCCACTTTTCCAGGAGAAAAACCACTGTTTGGCCAGTGAGAACTACTGTATG
 AAATAATTTGGCCAAACCTTCAAGTGTGACCAATGTGAGACTGGGAGTTTGTGTTTTCA
 CAGGAACCCTAAGTATAGACCTCTGCTGCTCATCAGGAACTTACTGGAGATGAAGGCC
 CAGCTGTTGTACCGGGTTTGGAAAGCACCTTAAGTGAATCATGAAGCATCAGGACATA
 AGCAGCACTTTGTGGTCAATGTGGAAGCCGAGACTTCAAAGCACCTCTGGGACCACT
 GGTGGAAGTTTGAATAGAACTTAAGTTTCCCAATCCATAAAGCCTTAGCCCTGGTT
 CTCAATAGAATCAGGGACCTAGCAGGAAATGATTTTACTCAACCTAAAATGCTGGATCCC
 AGGCCCCGTGTAGCTATAAGAATTCTGGCCTGGATCCCAGGTGTACAATATGGACAAGAT
 ATGGGCCCTACTTTCTCTCTATAAAATGAGGCTGGATGAAATGTGAGCTAGGGCCATT
 TTGGCTGCTGAGGCTCTGGGATTTGGTTTAGTTACTGAATGTTAGATTTTCTGCCTAGAA
 AGATAACTATCTAGATACAAGTGGTTGGATCCTGTTTTGTTTGTGGTACATGTGCTTT
 CCAAGAGAGATGTGTCACCAATTAATAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024331

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_024331.3, NP_077307.2</u>
RefSeq Size:	6215 bp
RefSeq ORF:	1029 bp
Locus ID:	79183
UniProt ID:	<u>Q9BTX7</u>
Cytogenetics:	20q13.12
Domains:	SEC14
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 protein (isoform 1). Variants 1 and 2 encode the same protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.