

Product datasheet for **SC310859**

TTPAL (NM_001039199) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TTPAL
Synonyms:	C20orf121
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310859 representing NM_001039199. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCGAAGAAAGTGACTCTCTGAGAACCAGCCCTTCTGTGGCCTCACTCTCTGAAAATGAGCTGCCA
CCACCACCTGAGCCTCCGGGTATGTGTGCTCACTGACAGAAGACCTGGTCACCAAAGCCCGGAAGAG
CTGCAGGAAAAGCCGAATGGAGACTTCGAGATGTGCAGGCCCTTCGTGACATGGTGCAGGAGGAGTAC
CCCAACCTGAGCACATCCCTCGACGATGCCTTCTGCTGCGCTTCTCCGAGCCCGCAAGTTTGATTAC
GACCGGGCCCTGCAGCTCCTCGTCAACTACCACAGCTGTAGAAGAAGCTGGCCCGAAGTCTTCAATAAC
TTGAAGCCATCAGCCTTAAAGATGTCTTGGTTCCGGGTTCTCACCCTGCTGCCCCACACTGACCCC
AGGGGCTGCCATGTCGTCTGCATCCGCCAGACAGATGGATACCAAGCAACTATCCAATTACTGAAAAC
ATCCGAGCCATATACTTGACCTTAGAAAACTCATTCACTCTGAAGAAACCCAGGTGAATGGAATTGTA
ATTCTTGCACTACAAAGGAGTGAGTTTATCAAAGCATCTCACTTTGGCCCTTTTATAGCCAAAAG
GTGATTGGCATCCTCCAGGATGGTTTCCCATTCGGATAAAAGCAGTCCATGTGGTGAATGAACCTCGA
ATATTTAAAGGCATTTTGGCCATCATAAAACCATTTCTAAAGGAGAAAAAGCAACAGATTCTTCCTC
CATGGGTCTGACTTGAATCTCTCCACACAAACCTTCCAAGAAGCATCCTCCCAAGGAGTATGGGGGC
ACGGCTGGGGAGCTGGACACTGCCACCTGGAACGCGTACTGCTGGCTTCAAGACGATTTTGTGAAA
GAGTTCTGCCAACCTGTTCTGCTGTGACAGCATCCTGGGCCAGACGCTGCTGCCCGAGGGCCTGACC
TCAGATGCACAGTGTGACGACTCCTTGCGAGCTGTGAAGTCACAGCTGTACTCTGCTACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGCG
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001039199



Insert Size:	1029 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001039199.2</u>
RefSeq Size:	6212 bp
RefSeq ORF:	1029 bp
Locus ID:	79183
UniProt ID:	<u>Q9BTX7</u>
Cytogenetics:	20q13.12
MW:	38.5 kDa
Gene Summary:	May act as a protein that binds a hydrophobic ligand.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1, and encodes 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.