

Product datasheet for SC317527

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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317527 representing NM_024331. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**
 ATGTCCGAAGAAAGTGACTCTCTGAGAACCAGCCCTTCTGTGGCCTCACTCTCTGAAAATGAGCTGCCA
 CCACCACCTGAGCCTCCGGGCTATGTGTGCTCACTGACAGAAGACCTGGTCACCAAAGCCCGGAAGAG
 CTGCAGGAAAAGCCGAATGGAGACTTCGAGATGTGCAGGCCCTTCGTGACATGGTGCGGAAGGAGTAC
 CCCAACCTGAGCACATCCCTCGACGATGCCTTCCTGCTGCGCTTCCTCCGAGCCCGCAAGTTTGATTAC
 GACCGGGCCCTGCAGCTCCTCGTCAACTACCACAGCTGTAGAAGAAGCTGGCCCGAAGTCTTCAATAAC
 TTGAAGCCATCAGCCTTAAAGATGTCTTGTCTCCGGGTTCTCACCGTGTGCCCCACACTGACCCC
 AGGGGCTGCCATGTCGTCTGCATCCGCCAGACAGATGGATACCAAGCAACTATCCAATTACTGAAAAC
 ATCCGAGCCATATACTTGACCTTAGAAAACTCATTAGTCTGAAGAAACCCAGGTGAATGGAATTGTA
 ATTCTTGCACTACAAAGGAGTGAGTTTATCAAAGCATCTCACTTTGGCCCTTTATAGCCAAAAAG
 GTGATTGGCATCCTCCAGGATGGTTTCCCATTCGGATAAAAGCAGTCCATGTGGTGAATGAACCTCGA
 ATATTTAAAGGCATTTTGGCATCATAAAACATTTCTAAAGGAGAAAATAGCAAACAGATTCTTCCTC
 CATGGGTCTGACTTGAATCTCTCCACACAAACCTTCCAAGAAGCATCTCCCAAGGAGTATGGGGGC
 ACGGCTGGGGAGCTGGACACTGCCACCTGGAACGCGGTACTGCTGGCTTCAGAAGACGATTTTGTGAAA
 GAGTTCTGCCAACCTGTTCTGCTGTGACAGCATCCTGGGCCAGACGCTGCTGCCCGAGGGCCTGACC
 TCAGATGCACAGTGTGACGACTCCTTGGAGCTGTGAAGTCACAGCTGTACTCCTGCTACTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_024331
Insert Size:	1029 bp


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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:	NM_024331.4
RefSeq Size:	6236 bp
RefSeq ORF:	1029 bp
Locus ID:	79183
UniProt ID:	Q9BTX7
Cytogenetics:	20q13.12
Domains:	SEC14
MW:	38.5 kDa
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.