

Product datasheet for **SC301213**

TULP4 (NM_001007466) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TULP4
Synonyms:	TUSP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC301213 representing NM_001007466.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTATGCAGCAGTGAACATGGGCTGTGCTTTGCAGCGATTCCAACATCCTGTGCCTGTCTGGAAG
GGGCGTGTCCCAAGAGTGAGAAGGAGAAGCCTGTGTGCAGGAGACGCTACTATGAGGAAGGCTGGCTG
GCCACGGGCAACGGGCGAGGAGTGGTTGGGGTGACTTTACCTCTAGTCACTGTGCGAGGGACAGGAGT
ACTCCACAGAGGATAAAATTTCAACCTCCGGGGCCACAATAGCGAGGTTGTGCTGGTGAAGTGAAG
CCCTACCAGAACTGGCCACGTGCGATGCGGACGGAGGCATATTCGTGTGGATTCACTACGAGGGCAGG
TGGTCTGTGGAGCTGGTCAACGACCGGGGCGCAGGTGAGTGATTTCAGTGGAGCCATGATGGAAT
CAAGCACTTATTTCTATCGAGATGGGTTTGTCTGGTTGGTCTGTGAGTGGACAAAGACACTGGTCA
TCCGAAATCAACTTGAAGAGTCAAAATACGTGTGGCATATGGAATCCTGACGACCAACAGGTGCTGTTT
GGCAGCGCCGATGGGACGGTATTGTGATGGATTGCCACGGCAGAATGCTGGCCACGTCCTCTTGCAC
GAGTCAGACGGTGTCTCGGCATGTCTGGAATACCGCATCTTCTGGTGGAGGACAGCAGCGAGAGC
GACACGGACTCAGATGACTACGCCCTCCCAAGATGGTCCGGCAGCATATCCATCCAGTGCAGAAC
ATCAAGCCTCTGCTCACCCTCAGCTTACCTCGGGAGACATCAGCTTAATGAACAACTACGATGACTTG
TCTCCACGGTCATCCGCTCAGGGCTGAAAGAGGTGGTAGCCAGTGGTGCACACAGGGGGACTTGCTG
GCAGTCGCTGGGATGGAACGGCAGACCCAGCTTGGTGAAGTTCCTCAATGGTCCCCTTCTGAAGAGTGCC
ATGGTCAAGTTCTACAATGTTCTGGGGAGCACATCTTCACTGGACACTCTCGTGCAGCGCCCATC
ATCTCCATCTGCTGGGTCACCGGATTTCAGGCTGTTGATGGCATCAGGACCGCCCTGTACGTGGTG
CGTGTGGAGCACCGGGTGTCCAGCTGCAGCTGCTGTGCCAGCAGGCCATCGCCAGCACCTTGCCTGAG
GACAAGGACGTGACCAAGCTGACTTGCCCCCGCCTCTGCTCTACCTCTCCACTGCCTTCATCCCC
ACCATCAAGCCCCCAATTCAGATCCGAACAACATGAGAGACTTTGTGAGTACCCATCAGCCGGCAAC
GAGCGGCTGCACTGCACCATGAAGCGCACAGAGGACGACCCGGAGGTGGCGGCCCGTGTACACGCTC
TACCTGGAGTACCTGGGCGGGCTGTGCCATCCTCAAAGGGCGGCGCATCAGCAAGCTGCGGCCAGAG
TTCGTATCATGACCCCGGACAGATAGCAACCAGATGAATCTATGGGAACAGCTTGATTTCTACT
GTGATCGACAGCTGCAACTGCTCAGACTCCAGTGACATTGAGCTGAGTGATGACTGGGCTGCCAAGAAA
TCTCCAAAATCTCCAGAGCTAGCAAAATCAACCAAACTCCCAAGGATCAGCATTGAGGCCCGCAAGTCA
CCCAAGCTGCCCGGGCTGCTCAGGAGCTCTCCGGTCCCCACGGTTGCCCTGCGCAAGCCCTCTGTG
GGCTCGCCAGCCTGACTCGGAGAGAGTTTCTTTGAAGACATCACTCAGCACAATATCTTGCTCAG
GTCACGTCTAATATCTGGGGAACCAATTTAAGATTGTGGGCTGGCTGCTTTCTGCAACCAACCTC
GGTGCAGTAATCTATAAACCAGCCTCCTGCATCTCCAGCCGCGGAGATGACCATTTATCTCCAGAA
GTTCCGAAAATTTCCATGGACTATATTAATTTACCTGTCTTCAACCAATGTTTTCAGTGAAGATGAA
GATGATTTACCAGGTGATGAGTTTGGACGGATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_001007466

Insert Size:

2037 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:	NM_001007466.2
RefSeq Size:	8622 bp
RefSeq ORF:	2037 bp
Locus ID:	56995
UniProt ID:	Q9NRJ4
Cytogenetics:	6q25.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	75.9 kDa
Gene Summary:	May be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an exon in the coding region, which results in a frameshift and an early stop codon, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus compared to 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.