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Product datasheet for SC304729

TULP4 (NM_020245) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TULP4 (NM_020245) Human Untagged Clone
Tag:	Tag Free
Symbol:	TULP4
Synonyms:	TUSP
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_020245 edited
GCAAGCCAACCACAAAAACACATATACCAATGAAAGAAATTGGTTTAAATTTCACAGCAT
TAACATTACTTTTTAAGTAAAACAGTTCATTGAAGAAAGTATGTATGCAGCAGTGGAACA
TGGGCCTGTGCTTTGCAGTGACTCCAACATCCTGTGCCTGTCCTGGAAGGGGCGTGTCCC
CAAGAGTGAGAAGGAGAAGCCTGTGTGCAGGAGACGCTACTATGAGGAAGGCTGGCTGGC
CACGGGCAACGGGCGAGGAGTGGTTGGGGTGACTTTCACCTCTAGTCACTGTCGCAGGGA
CAGGAGTACTCCACAGAGGATAAATTTCAACCTCCGGGGCCACAATAGCGAGGTTGTGCT
GGTGAGGTGGAATGAGCCCTACCAGAAACTGGCCACGTGCGATGCGGACGGAGGCATATT
CGTGTGGATTCAGTACGAGGGCAGGTGGTCTGTGGAGCTGGTCAACGACCGCGGGGCGCA
GGTGAGTGATTTCACGTGGAGCCATGATGGAACTCAAGCACTTATTTCCTATCGAGATGG
GTTTGTCCTGGTTGGGTCTGTCAGTGGACAAAGACACTGGTCATCCGAAATCAACTTGGA
AAGTCAAATTACGTGTGGCATATGGACTCCTGACGACCAACAGGTGCTGTTTGGCACGGC
CGATGGGCAGGTGATTGTCATGGATTGCCACGGCAGAATGCTGGCCCACGTCCTCTTGCA
CGAGTCAGACGGTGTCCTCGGCATGTCCTGGAACTACCCGATCTTCCTGGTGGAGGACAG
CAGCGAGAGCGACACGGACTCAGATGACTACGCCCCTCCCCAAGATGGTCCGGCAGCATA
TCCCATCCCAGTGCAGAACATCAAGCCTCTGCTCACCGTCAGCTTCACCTCGGGAGACAT
CAGCTTAATGAACAACTACGATGACTTGTCTCCCACGGTCATCCGCTCAGGGCTGAAAGA
GGTGGTAGCCCAGTGGTGCACACAGGGGGACTTGCTGGCAGTCGCTGGGATGGAACGGCA
GACCCAGCTTGGTGAGCTTCCCAATGGTCCCCTTCTGAAGAGTGCCATGGTCAAGTTCTA
CAATGTTCGTGGGGAGCACATCTTCACACTGGACACTCTCGTGCAGCGCCCCATCATCTC
CATCTGCTGGGGTCACCGGGATTCGAGGCTGTTGATGGCATCAGGACCAGCCCTGTACGT
GGTGCGTGTGGAGCACCGGGTGTCCAGCCTGCAGCTGCTGTGCCAGCAGGCCATCGCCAG
CACCTTGCGTGAGGACAAGGACGTCAGCAAGCTGACTCTGCCCCCCCGCCTCTGCTCCTA
CCTCTCCACTGCCTTCATCCCCACCATCAAGCCCCCAATTCCAGATCCGAACAACATGAG
AGACTTTGTCAGCTACCCATCAGCCGGCAACGAGCGGCTGCACTGCACCATGAAGCGCAC
AGAGGACGACCCGGAGGTGGGCGGCCCGTGCTACACGCTCTACCTGGAGTACCTGGGCGG
GCTTGTGCCCATCCTCAAAGGGCGGCGCATCAGCAAGCTGCGGCCAGAGTTCGTCATCAT

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GGACCCGCGGACAGATAGCAAACCAGATGAAATCTATGGGAACAGCTTGATTTCTACTGT
GATCGACAGCTGCAACTGCTCAGACTCCAGTGACATTGAGCTGAGTGATGACTGGGCTGC
CAAGAAATCTCCCAAAATCTCCAGAGCTAGCAAATCACCCAAACTCCCAAGGATCAGCAT
TGAGGCCCGCAAGTCACCCAAGCTGCCCCGGGCTGCTCAGGAGCTCTCCCGGTCCCCACG
GTTGCCCCTGCGCAAGCCCTCTGTGGGCTCGCCCAGCCTGACTCGGAGAGAGTTTCCTTT
TGAAGACATCACTCAGCACAACTATCTTGCTCAGGTCACGTCTAATATCTGGGGAACCAA
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AACCAGCCTCCTGCATCTCCAGCCGCGGCAGATGACCATTTATCTCCCAGAAGTTCGGAA
AATTTCCATGGACTATATTAATTTACCTGTCTTCAACCCAAATGTTTTCAGTGAAGATGA
AGATGATTTACCAGTGACAGGAGCATCTGGTGTCCCTGAGAACAGCCCACCTTGTACCGT
GAACATCCCTATTGCACCGATCCACAGCTCGGCTCAGGCTATGTCCCCCACGCAGAGCAT
AGGGCTGGTGCAGTCCCTACTGGCCAATCAGAATGTGCAGCTAGATGTCCTGACCAACCA
GACGACAGCTGTAGGGACAGCAGAACATGCAGGTGACAGTGCCACCCAGTACCCAGTCTC
CAACCGGTACTCCAATCCTGGACAGGTGATTTTCGGAAGCGTGGAAATGGGCCGCATCAT
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GGTGGGCCATGGAGACCGAGACCACGAACACCTGCAGAAGTCAGCCAAGGCCCTGCGGCC
AACACCGCAGCTGGCAGCTGAGGGGGACGCAGTGGTCTTTAGTGCCCCCCAGGAGGTCCA
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GGGCGACTTCTCCCTCTACCCCACGTCAGTGCACTACCAGACCCCCCTGGGCTATGAGAG
GATCACCACCTTCGACAGCAGTGGCAACGTGGAGGAGGTGTGCCGGCCCCGCACCCGGAT
GCTGTGCTCCCAGAACACCTACACCCTCCCCGGCCCGGGTAGCTCTGCCACCTTGAGGCT
CACGGCCACTGAGAAGAAGGTCCCTCAGCCCTGCAGCAGTGCCACCCTGAACCGCCTGAC
CGTCCCTCGCTACTCCATCCCCACCGGGGACCCACCCCCGTATCCTGAAATTGCCAGCCA
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ACAGCCCGGAGCCTCCCTGGCCCATACCGCCAGCGCCTCCCCGTTGGCCTCCCAGTCCTC
CTACAGCCTCCTGAGCCCACCCGACAGCGCCCGCGACCGCACCGACTACGTCAACTCGGC
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GCTGGGTGAGGACGTTTGGGTTCCTCAAGAAAGGACAGCACAGACTTCAGGGCCCAACCC
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CTTCATCTCCCCCAAGTCTCCTGCCAGCCCCACTGCCACTTTCCAAACAGGCTATGGGAT
GGGAGTGCCATATCCAGGAAGCTATAACAACCCCCCTTTGCCTGGAGTGCAGGCTCCCTG
CTCTCCCAAAGATGCCCTGTCCCCAACGCAGTTTGCACAACAGGAGCCTGCTGTGGTCCT
TCAGCCGCTGTACCCACCCAGCCTCTCCTATTGCACCCTGCCCCCCATGTACCCAGGAAG
CAGCACGTGCTCTAGTTTACAGCTGCCACCTGTCGCCTTGCATCCATGGAGTTCCTACAG
CGCCTGCCCGCCCATGCAGAACCCCCAGGGCACTCTCCCCCCAAAGCCACACTTGGTGGT
GGAGAAGCCCCTTGTGTCCCCACCACCTGCCGACCTCCAAAGCCACTTGGGCACAGAGGT
GATGGTAGAGACTGCAGACAACTTCCAGGAAGTCCTCTCCCTGACCGAAAGCCCAGTCCC
CCAGCGGACAGAAAAATTTGGAAAGAAGAACCGGAAGCGCCTGGACAGCCGAGCAGAAGA
AGGCAGCGTTCAGGCCATCACTGAGGGCAAAGTGAAGAAGGAGGCTAGGACTTTGAGTGA
CTTTAATTCCCTAATCTCCAGCCCACACCTGGGGAGAGAGAAGAAGAAAGTGAAGAGTCA
GAAAGACCAACTGAAGTCAAAGAAGTTGAATAAGACAAACGAGTTCCAGGACAGCTCCGA
GAGCGAGCCTGAGCTGTTCATCAGCGGGGATGAGCTCATGAACCAGAGCCAGGGCAGCAG
AAAGGGCTGGAAAAGCAAGCGCTCCCCACGGGCCGCCGGCGAGCTGGAGGAGGCCAAGTG
CCGGCGGGCCAGTGAGAAGGAGGACGGGCGGCTGGGCAGCCAAGGCTTCGTGTACGTGAT
GGCCAACAAGCAGCCGCTGTGGAACGAGGCCACCCAGGTCTACCAGCTGGACTTCGGGGG
GCGGGTGACCCAGGAGTCCGCCAAGAACTTCCAGATTGAGTTAGAGGGGCGGCAGGTGAT
GCAGTTTGGACGGATTGATGGCAGTGCGTACATTCTAGACTTCCAGTATCCGTTCTCAGC

CGTGCAGGCCTTTGCAGTTGCCCTGGCCAACGTGACTCAGCGCCTCAAATGAAGAGACTG
GTGTGGGGAGGAGAGAGATGCAGAGAGCCTTTGGAAGAGGTCTTCGGAGATGCCAGAGGA
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GGCAGGCCCAGGAGAGGGCGCTGACCTGTGGTCGTCATTTATTTGGTTGGGTTTTATTAC
CTTTTATTGTCTGTTCTTCTTTTCTTCTTTCATTTCAGTGGCATTTGGAAGCAAAGAGTG
CTAGGCACCTGCTGTTCTTTCAGGAAACAGCTTGGCTGTGGTAATGCTCTACTGGGCCCT
TCAGAATGAAGACAGTCTGCCTTAGAGCCTGCTATTCTTTTAGACATAGGGAGGATGCAT
TATCCTGTATTCTCCTCCAACATCACCACTAGCGTAAAAGCAAAAAGCTTTTACAAAACA
CAGCCAAAAATTCTCAAGATGCAGGTTCTTGGGGAATGGGATGGGGACAGCATTTGATTT
ACACTGATTATGTTACTCCCCAAAAGGTGACTTAATTAATAAAGGGCATTTGGGCAGACA
CACTGTGTTGGACCAACAAAGTAGGCTCTTTACAGGGGTGTTCTCACCAGGTAGAAATGC
GATTTGCTCACTGAGGATGTTGGGGAAGGGACGAAGGGTAAAGAAGAAACTGCACGTATA
CACAGGTTCACATCACTCTGCAGACAGCAATGTGACTCAGCGTGTGACTTGTAGCAGCAG
TACGAGGGCTACACTCCTCTGCTGAGGATGTCTACATTGAAAGCCTCCACTAGTTTCATC
GTTTGTCAAAGTTCCGTAGGATCAGTGATGGTCATTCAGCATGACTGGTTCTGGGAGAAG
GTGAGAGACAAAAATGGAAAGATCCTGGCCTGTGGTAGTGGTAGCAGTTTTCTCAAATAA
TGTGGTGACAGTCACTAGATCCTCACATGCTGAGAAACAGCCTCTACTCTCTCTGCCCCT
TTTACTTTTTAATCTGGAATGCATTACTGTAAACATGATCTTTCCCATGAGATACCATGT
TCTATGCCTTCCCATTCTAAAAGTGTGGACAACGCTTGATTTGAAACCACTTCTTTTCTC
CTCTTGGCTACATTAAAATTCAGTTGACTACAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020245

Insert Size: 5800 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: The open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_020245.3.

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_020245.3, NP_064630.2

RefSeq Size: 11123 bp

RefSeq ORF: 4632 bp

Locus ID: 56995

UniProt ID: Q9NRJ4

Cytogenetics:	6q25.3
Protein Families:	Druggable Genome, Transcription Factors
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 (1) represents the longer transcript and encodes the longer 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.