

Product datasheet for **SC319145**

UTP3 (NM_020368) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UTP3 (NM_020368) Human Untagged Clone
Tag:	Tag Free
Symbol:	UTP3
Synonyms:	CRL1; CRLZ1; SAS10
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_020368.1
 GGGATCAGGAGTCTGCAAACCTCCGGTGGTAGGGGAGCGCGCTGCTGTTTAGAGCCACGAG
 TTACCGGAGCGCCTGATTCTGCGCCGAAGTCAGTGGTGGCCGAAAGTCCGGAGTCGCTG
 TAAAACCTGAGATTGTGAGCCATGGTGGGGAGATCCCGCGCGCGGAGCAGCTAAGTGG
 GCAGCTGTGCGAGCCAAGGCAGGTCCCACGCTCACCGACGAAAATGGAGATGATTTAGGA
 TTGCCACCCTCACCAGGGACACCAGCTACTACCAAGATCAGGTAGATGACTTTCATGAG
 GCACGATCCCGGGCCGCTTAGCTAAGGGCTGGAATGAAGTACAGAGTGGAGACGAGGAG
 GATGGCGAGGAGGAGGAGGAGGAGGTGCTAGCCCTAGATATGGACGATGAGGACGACGAA
 GATGGAGGGAATGCGGGGGAGGAGGAGGAGGAGAATGCCGATGATGATGGTGGGAGC
 TCCGTGCAAAGTGAAGCTGAGGCCTCTGTGGATCCCAGTTTGTGCGTGGGGTCCAGAGGAAA
 AAACCTTACTATGACACGGACTATGGTTCCAAGTCCCGAGGCCGCGCAGAGTCAACAGGAG
 GCAGAGGAGGAGAAAGAGAGGAGGAGGAGGAGGACAGATCATTACGCGCGCCTAGCC
 CAAGCGCTGCAAGAGGATGATTTTGGTGTGCGCTGGGTTGAGGCCTTTCGAAAACAGTG
 CCTCAGGTAGATGAGGCTGAGACACGGGTCGTGAAGGATTTGGCTAAAGTTTCAGTGAAA
 GAGAAGCTGAAAATGTTGCGAAAGGAATCACCAGAACTTTGGAGCTGATAGAAGACCTG
 AAAGTCAAGTTGACAGAGTTAAGGATGAGCTGGAGCCATTGTTAGAGTTGGTGGAAACA
 GGGATCATTCCACCCGAAAAGGAAGCCAATACTTGAGGACCAAGTACAACCTCTACTTG
 AATTATTGCTCGAACATCAGTTTTTATTTGATCCTGAAAGCTAGGAGAGTCCCAGCACAT
 GGACATCCTGTATAGAAAGGCTTGTACCTACCGAAATTTGATCAACAAGCTGTCCGTT
 GTGGATCAGAAGCTGCTCAGAAATTCGTATCTGTTGACACTTAAGGATGATGCTGTA
 AAGAAAGAACTGATTCAAAAGCAAAATCCACCAAGCCCAAAACCAAGTCTGTTTCAAAG
 ACTTCTGCTGCTGCCTGTGCTGTACAGATCTTCTGATGATTCTGATTTTATGAAAAA
 GCAAAACCTGAAGTACTATAAAGAAATAGAAGACAGGCAAAAGCTAAAGAGAAAGAAAGAA
 GAAAATAGCACTGAAGAACAGGCTCTTGAAGATCAAAATGCAAAGAGAGCTATTACCTAT
 CAAATTGCTAAAAATAGGGGACTTACTCCTAGGAGAAAGAAAGATTGATCGCAATCCAGA
 GTGAAACACAGAGAGAAGTTCAGAAGAGCCAAAATTAGAAGAAGAGGCCAGGTTCTGTA
 GTTCGTAAGAAGAGCAACGTTATAGTGGTGAATTATCTGGCATTCTGTCAGGAGTTAA
 AAGAGCATTAAAGCTTAAATGAAGTTTTTGGCTTAGCATAAGGTTTTTGGCAGTTTTGGATC
 AATAAATTTTTACTTTTTAACTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020368

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_020368.1](#), [NP_065101.1](#)

RefSeq Size: 2035 bp

RefSeq ORF: 1440 bp

Locus ID: 57050

UniProt ID: [Q9NQZ2](#)

Cytogenetics: 4q13.3

Domains: Sas10_Utp3

Gene Summary: Essential for gene silencing: has a role in the structure of silenced chromatin. Plays a role in the developing brain (By similarity).[UniProtKB/Swiss-Prot Function]