

Product datasheet for **SC113314**

UBASH3A (NM_018961) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBASH3A (NM_018961) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBASH3A
Synonyms:	CLIP4; STS-2; TULA; TULA-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018961, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGCGGGGAGACGCAGCTCTACGCCAAGGTCTCCAACAAGCTCAAGAGCCGAGCAGCCCCCTCGC
TCCTGGAGCCCCCTCGCCATGGGCTTCCCGGTGCACACCCGCTGAAAGCGTTGGCAGCCACGGGGAG
GAAGACGGCGGAGGAGGCTTGGCTGGCTGCATGATCATTGCAATGACCCTTCCCTAGACGACCCCATC
CCCCAGGAGTATGCCCTTTTCTCTGTCCAACGGGGCCCCTGCTGGAAAACTTCAAGAGTTCTGGAGAG
AGAGCAAGCGCCAGTGTGCAAAGAAGACAGAGCTCATGAGGTCTTCCACACGTGACACTCTGTGACTTCTT
CACGTGTGAAGACCAGAAGGTGGAATGCCTGTACGAGGCGCTGAAGAGAGCTGGAGACAGGCTCCTGGGC
TCCTTCCACAGGCGCTGCCTCTGGCTCTCCACTCCTCCATCAGCTACCTCGGCTTCTTCGTGAGTGGCA
GCCCCGACAGCTCATCCGGGAATTCGCCATGACCTTCGCCACGGAAGCATCTCTTTAGCAGGCACTTC
CGTTTCCCGCTTCTGGATTTTCAGCCAGGTGCCTGGACATGGCCCTAACCTGAGGCTGAGCAATTTAACT
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CCTGGGCCACAGCTGCCAGTGGACCGCAGCACTCTACTCCGAGACATGCCCTTTGTGACTACCAGACC
CTGAGAGCCCTATTCCAGTACAAACCCAGAACGTGGATGAGCTGACGCTAAGTCCCTGGTACTACATCT
TTGTGGACCCACGCAGCAGGACGAAGCCAGCGAGGGCTGGGTGATTGGGATCTCACAGCGGACGGGCTG
CCGGGGCTTCTGCCGAAAACTACACGGATCGAGCCAGTGAAGTCTGACACGTGGGTGAAGCACAGGATG
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AATTTCTCCACAACGGCAAGGAGTCTTAGCAGCTTACAGGCCTTGCAGGCTACCGTTGCAAGGAAGAG
CGTGCTGGTGGTTCGCCACGGGGAGAGAGTGGATCAGATCTTCGGGAAGGCATGGCTGCAGCAATGCTCC
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TCAAAGACTTTGAAAACGATCCCCATTATCATCGTGTGGCATTTCAGTCCAGAATTGCAGGGGACGC
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AAACTCATCCTGGAAGAACTCAAACCTGGAGAAAAAATCAAGATACGAGTGAACCTGGAATCTTTGAAT
GGACAAAATGGGAAGCTGGCAAAACCCCAACCCTCATGAGCCTGGAAGAGCTGAAAGAGGCAAAATTT
CAACATTGACACTGATTACAGGCCCGGCTTCCCTGTCCGCCCTCATGCCGGCCGAGAGCTACCAGGAG
TACATGGACAGGTGCACGGCGAGCATGGTGCAAAATCGTCAACACCTGTCCACAGGACACGGGTGTCATCC
TAATTGTGAGTCACGGCTCCACTCTGACTCCTGCACGGGCCACTGCTCGGGCTGCCGCCCGGGAATG
TGGGGATTTGCCAACTCGTGAGAAAGATCCCTTCCCTGGGCATGTGCTTCTGTGAAGAAAATAAAGAG
GAAGGAAAATGGGAGTTGGTGAACCCACCGGTGAAGACCTGACCCACGGGGCGAACGCAGCATTTAACT
GGAGGAACTGGATCTCAGGCAACTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018961 unedited
 GGATTTTGTAAATACGACTTACTATAGGGCGGCCGCAATTCGGCACGAGGAGATGGCAGC
 GGGGGAGACGCAGCTCTACGCCAAGGTCTCCAACAAGCTCAAGGGCCGCAGCAGCCCTC
 CCTCCTGGAGCCCTTCTGGCCATGGGCTTCCCGGTGCACACCCGCGTGAAAGCGTTGGC
 AGCCACGGGGAGGAAGACGGCGGAGGAGCCTTGGCCTGGCTGCATGATCATTGCAATGA
 CCCTTCCCTAGACGCCCATCCCCAGGAGTATGCCCTTTTCTCTGTCCAACGGGGCC
 CCTGCTGGAAAACTTCAAGAGTTCTGGAGAGAAAGCAAGCGCCAGTGTGCAAAGAACAG
 AGCTCATGAGGTCTTCCACACGTGACACTCTGTGACTTCTTACGTGTGAAGACCAGAA
 GGTGGAATGCCTGTACGAGGCGCTGAAGAGAGCTGGAGACAGGCTCCTGGGCTCCTTCCC
 CACGGCCGTGCCTCTGGCTCTCCACTCCTCCATCAGCTACCTCGGCTTCTTCGTCAGTGG
 CAGCCCCGCAGACGTATCCGGGAATTCGCCATGACCTTCGCCACGGAAGCATCTCTCTT
 AGCAGACTGCTCCGTGAAGCCTTGACCAAAACAGCTGCATCTGACCTTGGCCACAAGTT
 CTACCCACCACCAGAGGACGCTGGAGCAGCTGGCCAGAGCCATCCCCTNGGCCACAG
 CTGCCAGTGGACCGCAGCACTTACTCCGAGACATGCGCTNTGTGCACTACCAGACCCT
 GAGAGCCCTATTCCAGTACAAACCCAGAACGTGGATGAGCTGACGCTAAGTCTGGTGA
 CTACATCTTTGTGGACCCACGCAGCANGACGAACCAGCGAGGGCTGGGTGATTGGGATCT
 CACAGCGACGGGCTGCCGNGCTTTTCTGCGNAACTACACNGATCGAGCCAGTGAAGTCT
 GCCCGTGGGNTGAGCACANGATGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018961 unedited
 CGGCCGAATCTAGAATCGAGNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCGAGGGTTC
 TGGGACCTTTTTATTGACTATTACACCTGTTTTACCCCATGTGGATATGGCTAAAGAGTG
 ATGGACCCAAAAAAGAAAAACGATTGGGAATTAATGATTAACCATGGAAAAATGAAG
 GGGTAAATCCTTCGTGTGGGGGAGTCTTTAATTCTGGAAAGTTAAAGTCCCGGGCAGT
 TGTGTCCCCAGCTGCAAACACTCGGTGTACATGCTGCAGGGCGGCATCCTCACCCAGCCA
 CCTGCCCTGTGCTCCCGCAGCTGGGCTGGTGGACGATGGGTCCACAGATGGGAGTTACA
 AAGGCGAAAGCCGGAGGGAAATATTCCGGGATATAAAAGTGCCTCTCGTCTTCTACAAA
 TCACATTGGGTGAGACTAAAACGCCCTTTGAAACAGCAGCATCTCCAGCCTCTGCACAT
 GGTTCCTGCCTCTCCACTCTGAGGTTATGACAACATCACCGTGGCTCTCAGTTGCCTGAG
 ATCCAGTTCCTCCAGTTAAATGCTGCGTTCGCCCGTGGGTGAGGCTCTCACCCGGGG
 TTCACCAACTCCCATTTTCTTCTTTATTTTCTTACAGAAGCACATGCCCGGGAA
 GGGATCTTTCTACGAGTTGGGCAAAATCCCCACATTCCCGGGCGGCAGCCCGAGCAGT
 GGCCCGTGCAGAAGTCCAAAGTGGAGCCGTGACTCACAATTAGGATGACACCCGTGTCC
 TGCGAACAGGTGTTGACGATTTTGCCCATGCTCGCCGTGCACCTGTCCATGTACTCCTGG
 AAGCTCTCGCCCGGTATGAGGGCGAACCCAGCGAAAACCGGCCCTGAAATCAGGTCAATG
 TGGAAATTTGCTTCTTTCAGCTTTTCAGCTCATGAAGGTGGGGTGGTTTGGCAGCTTCC
 CATTTGCCCTCACAATTC

Restriction Sites:

NotI-NotI

ACCN:

NM_018961

Insert Size:

2500 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).

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_018961.2](#), [NP_061834.1](#)

RefSeq Size: 2492 bp

RefSeq ORF: 1986 bp

Locus ID: 53347

UniProt ID: [P57075](#)

Cytogenetics: 21q22.3

Domains: UBA, PGAM, SH3

Protein Families: Druggable Genome

Gene Summary: This gene encodes one of two family members belonging to the T-cell ubiquitin ligand (TULA) family. Both family members can negatively regulate T-cell signaling. This family member can facilitate growth factor withdrawal-induced apoptosis in T cells, which may occur via its interaction with AIF, an apoptosis-inducing factor. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1, also known as long form).