

Product datasheet for **RG232916**

UBASH3A (NM_001243467) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBASH3A (NM_001243467) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UBASH3A
Synonyms:	CLIP4; STS-2; TULA; TULA-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG232916 representing NM_001243467
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGCGGGGAGACGCAGCTCTACGCCAAGGTCTCCAACAAGCTCAAGAGCCGAGCAGCCCTCGC
 TCCTGGAGCCCTCCTGGCCATGGGCTTCCCGGTGCACACCGCGCTGAAAGCGTTGGCAGCCACGGGGAG
 GAAGACGGCGGAGGAGGCCTTGGCTGGCTGCATGATCATTGCAATGACCCTTCCCTAGACGACCCCATC
 CCCCAGGAGTATGCCCTTTCTCTGTCCAACGGGGCCCTGCTGGAAAACTTCAAGAGTTCTGGAGAG
 AGAGCAAGCGCCAGTGTGCAAAGAACAGAGCTCATGAGGTCTTCCACACGTGACACTCTGTGACTTCTT
 CACGTGTGAAGACCAGAAGGTGGAATGCCTGTACGAGGCGCTGAAGAGAGCTGGAGACAGGCTCCTGGGC
 TCCTTCCCACGGCCGTGCCTCTGGCTCTCCACTCCTCCATCAGTACCTCGGCTTCTTCGTGAGTGGCA
 GCCCGCAGACGTATCCGGGAATTCGCCATGACCTTCCGCACGGAAGCATCTCTTAGCAGACTGCTC
 CGTGAAGCCTTGACCAAACAGCTGCATCTGACCTTGGCCACAAGTTTACCCACCACAGAGGACG
 CTGGAGCAGCTGGCCAGAGCCATCCCCCTGGGCCACAGCTGCCAGTGGACCGCAGCACTCTACTCCGAG
 ACATGCGCTTGTGCACTACCAGACCCTGAGAGCCCTATTCCAGTACAAACCCGAGAAGCTGGATGAGCT
 GACGCTAAGTCTGGTACTACATCTTTGTGGACCCACGCAGCAGGACGAAGCCAGCGAGGGCTGGGTG
 ATGGGATCTCACAGCGGACGGGCTGCCGGGGCTTCTGCCGAAAACTACACGGATCGAGCCAGTGAAGT
 CTGACACGTGGGTGAAGCACAGGATGTACACCTCAGTCTAGCCACAGACCTGAAGTCCAGAAAGGATGG
 TGAAGCCAGCAGCAGATGCAGCGGGGAATTTCTCCACAAACGCAAGGAGTCTTAGCAGTTACAGGCC
 TTGCAGGCTACCGTTGCAAGGAAGAGCGTGGTGGTTCGCCACGGGGAGAGAGTGGATCAGATCTTCG
 GGAAGGCATGGCTGCAGCAATGCTCCACTCCTGATGGGAAATACTACAGGCCAGACCTGAATTTCCCTG
 CAGTCTGCCAAGACGGAGTCGTGGGATCAAAGACTTTGAAAACGATCCCCATTATCATCGTGTGGCATT
 TTCCAGTCCAGAATTGCAGGGGACGCGCTACTGGACAGTGGTATCAGAATCAGCTCTGTGTTGCCCTCC
 CAGCCCTCCGCTGTGTGCAGACGGCCAACTCATCCTGGAAGAACTCAAAGTGGAGAAAAAATCAAGAT
 ACGAGTGGAACTGGAATCTTTGAATGGACAAAATGGGAAGCTGGCAAAACCCCAACCTCATGAGC
 CTGGAAGAGCTGAAAGAGGCAAATTTCAACATTGACACTGATTACAGATCCCTTCCCTGGGCATGTGCTT
 CTGTGAAGAAAAAAGAGGAAGAAAAATGGGAGTTGG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG232916 representing NM_001243467
 Red=Cloning site Green=Tags(s)

MAAGETQLYAKVSNKLSRSPSLLLEPLLAMGFPVHTALKALAATGRKTAEEALAWLHDHCNDPSLDDPI
 PQEYALFLCPTGPLLEKLEKLEFWRESKRQCAKNRAHEVFPVHTLCDFFTCEDQKVECLYEALKRAGDRLLG
 SFPTAVPLALHSSISYLGFFVSGSPADVIREFAMTFATEASLLADCSVKPCTKQLHLTLAHKFYPHHQRT
 LEQLARAIPLGHSQWTAALYSRDMRFVHYQTLRALFQYKQNVDELTLSPGDYIFVDPTQQDEASEGWV
 IGISQRTGCRGFLPENYTDRASESDTWVHRMYTFLATDLNSRKDGEASSRCSGEFLPQTARSLSSLQA
 LQATVARKSVLVVRHGERVDQIFGKAWLQQCSTPDGKYRPNLNFPCSLPRRSRGIKDFENDPPLSSCGI
 FQSRIAGDALLDSGIRISSVFASPALRCVQTAKLILEELKLEKKIKIRVEPGIFEWTKWEAGKTTPTLMS
 LEELKEANFNIDTYRSLPWACASVKKIKRKENGWSW

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001243467
ORF Size:	1578 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001243467.2
RefSeq Size:	2225 bp
RefSeq ORF:	1581 bp
Locus ID:	53347
UniProt ID:	P57075
Cytogenetics:	21q22.3
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]