

## Product datasheet for **MC219886**

### Ubash3a (NM\_177823) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubash3a (NM_177823) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubash3a
Synonyms:	5830413C03Rik; C330001M22; Sts-2; TULA; TULA-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219886 representing NM\_177823  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCGGGGAGACACAGCTCTATGCCAAGTCTCCAACAAGCTCAAGGGCCGAGCACCCCTCAC  
 TCCTGGATCCCCTCCTGGCCATGGGCTTCCCCACACATACCGCGCTCAAAGCACTAGCGGCCACAGGGAG  
 GAAGACAGCCGAGGCGGAGCAGACTGGCTGCATGGTCACTGCAATGACCCTTCTCTGGATGACCCTATC  
 CCTCAGGAGTATGCTCTTCTCTGCCCCACGGGCCCTTGCTGGAAAACTCCAAGAGTTCTGGAGAG  
 AGAGCAGACGGCAGTGTGCAAAGAACAGAGCACATGAGGTCTTCCCTCACGTGACACTCTGTGACTTTTT  
 CACGTGTGAAGACCAGAAGTGGAGTGTGTATGAGGCTCTGAGACGTGACGGGACAGGATCTGGGC  
 TCCTTCCCCACCCTGGTTCTCTGTTCTCCATTCTCCATCAGTACCTCGGCTTCTTCATCAACGACA  
 GCCCGCTGACGCCATCCGGGAATTCGCATGGCGTTTCCACAGAGGGCGCAGTCTGGCAGACTGTAC  
 CATCAAGCCCTGCACCAAGCAGCTGCACCTGACCTTGGCCATAAGTTCTACCCTCACCATAAAGGACC  
 CTGGAGCAGCTGGCCAAAGCCATCCAGCCAGCCACTCCTGCCAATGGACAGCTGCCCTGTACTCCCGAG  
 ACATGCGTTTTGTGCACTACCAGACCCTGAAGGCGCTGTTCCAGTACAAACCCCAAGATGCAGATGAGCT  
 AATGCTCAGTGTGGTACTACATCTTCGTGGACCCCACTCAGCAAGAAGAGGCCAGCGAGGGCTGGGCC  
 ATTGGGATCTCACATCGGACTGGCTGCCGGGGCTTCTTCCAGAGAACTACACGGAGCGAGCCAATGAGG  
 CTGACACCTGGGTTAAGCACAGGACGTATACATCAATCTAGCCATGGACCTGAACCTAGGAAGGATTT  
 TGAAGCCAGTTGACGGGAAATGGGAACCCACACTCCGTCAATGTCAAAGAGTGTAGCAGCATACAA  
 GCTTTGCAGGCTACCATCTCGAGGAGAGCATTCTGGTCGTACGTCATGGCGAGAGAGTGGACCAGTCT  
 TTGGGAAGTCTTGGCTACAGCAGTGTACTACTGCTGATGGAAAACTACAGGCCAGACCTGAACCTCCC  
 CCGCAGCCTGCCAAGGAGGAGCAACGGCATCAAAGACTTTGAAAAACGATCCACCGCTATCATCCTGTGGA  
 ATTTTCCAGGCCAGACTTGCCGGAGAAGCCCTGCTGGACAGCGCGTCAGAGTACCCGCGTCTTCGCGT  
 CTCAGCCCTGCGCTGCGTGCAGACAGCCAAGCACATCCTAGAAGAACTCAAAGTGGAGAAGAAGCTGAA  
 GATAAGAGTTGAGCCTGGAATCTTCGAGTGGATGAAGTGGGAAGCCAGCAAGGCCACACTGACCTTCTTG  
 ACCTTGGAGGAGCTGAAAGAAGCAAACCTCAATGTTGACCTTGATTATAGGCCAGCATTGCCCGCTGCT  
 CCCTCATGCCAGCTGAGAGCTATGACCAGTACGTGGAGAGATGTGCCGTGAGCATGGGGCAGATCATCAA  
 CACATGCCACAGGACATGGGCATTACACTCATCGTGAGCCACAGCTCAGCGCTCGACTCCTGCACAAGG  
 CCACTCCTCGGGCTCCCACCCAGAGAATGTGGGATTTGCCCAACTGGTAAGAAAGATTCCATCTCTGG  
 GCATGTGCTTCTGTGAGGAAAACAGAGAGGACGAAAGTGGGACCTGGTGAATCCGCCAGTAAAGACGCT  
 GACACATGGGGCAACTCGGTCTTTAACTGGAGAACTGGATCTCAAGCAACT**GA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_177823

**Insert Size:** 1875 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\\_177823.4](#), [NP\\_808491.2](#)

**RefSeq Size:** 2953 bp

**RefSeq ORF:** 1875 bp

**Locus ID:** 328795

**UniProt ID:** [Q3V3E1](#)

**Cytogenetics:** 17 A3.3- B1

**Gene Summary:** Interferes with CBL-mediated down-regulation and degradation of receptor-type tyrosine kinases. Promotes accumulation of activated target receptors, such as T-cell receptors, EGFR and PDGFRB, on the cell surface. May inhibit dynamin-dependent endocytic pathways by functionally sequestering dynamin via its SH3 domain (By similarity). Exhibits negligible protein tyrosine phosphatase activity at neutral pH. May act as a dominant-negative regulator of UBASH3B-dependent dephosphorylation.[UniProtKB/Swiss-Prot Function]