

Product datasheet for **MC204710**

Ubash3b (NM_176860) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubash3b (NM_176860) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubash3b
Synonyms:	2810457I06Rik; BB125008; p70; TULA-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC053436
 CACTGAGCGGGCACTCGGCACCGCGACCCAGCCCTCGGCATGGCCGCGCGGAGGAGCTGTACAGCAAA
 GTCACCCCGCGCAGGGACCGCCTGCAGCGCCCGGGCACAGTCAAGCATGGGTGGGCGCTGGAGCTGCTCC
 TGTCCATGGGCTTTCCCGCGCCCGCGCACAAAAAGCTCTGGCATCCACGGGAGGAAGAAGCGTTACGGC
 AGCATGTGACTGGTTGTTCTCCCATGTGGGTGACCCCTTCTGGATGACCCCTGCCTCGGGAGTATGTC
 CTCTACCTCCGCCGACGGGGCCATTAGCCAGAAGCTCTCTGACTTCTGGCAGCAGTCCAAGCAGATCT
 GCGGGAAGAACAAGGCCACAACATCTTCCCCACATCACTCTCTGCCAGTTCTTCATGTGCGGAGACAG
 CAAGGTGGATGCTCTGGGGGAAGCCCTGCAGACTACTGTCAAGTGGAAATGTAAGTTCTCAGCCCCG
 CTGCCCTGGAGCTGTACACCTCCTCCAACCTCATCGGGCTTTCGTGAAGGAAGACAGCGCTGAAGTCC
 TCAAGAAGTTCGCGGCTGACTTTGCTGCAGAGGCTGCATCCAAAACAGAAGTGCATGTGGAGCCTATAA
 GAAGCAGTGCATGTGACGCTGGCTACCATTCCAAGCCAGCCACCTACCCACCCTAGAGAAGCTTGCC
 CAGAACATTGACGTCAAGCTAGGATGCGACTGGGTGGCCACCATATTCTCTCGGGATATCCGGTTTGCTA
 ACCATGAGACGTTACAGGTGATCTATCCCTATTCACCTCAGAATGATGACGAGCTGGAGCTGGTCCCAGG
 GGACTTCATCTTCATGTCTCCCATGGAACAGACCAGCACCAGTGAGGGCTGGATTTATGGCACCTCGCTG
 ACCACTGGCTGCTCTGGGCTGCTTCTGAGAATACATACCAAGGCTGATGAGTGTAGCACCTGGATCT
 TCCATGGTTCTACTCCATCCTAAATACCGTATCATCCAGCTCGCTCGCTTTGGCGACGGAGCGTTAGA
 GAGCGCGCAGTATGAAGATCAAGGACTTGGGGAGACAACACCCCTCACTATCATCTGCCAGCCCATGCAG
 CCCCTGAGAGTCAACAGCCAGCCTGGACCCAGAAAGCGATGCCTCTTTGTATGTCGGCATGGGGAGAGGA
 TGGACGTTGTATTTGGGAAGTACTGGCTGTCCCAATGCTTTGATGCCAAAGGCCGCTACATACGCACCAA
 CCTGAACATGCCTCACAGTTTACCTCAGAGGAGCGGCGGTTTCCGGGATTACGAGAAAGATGCTCCAATC
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 ACGTGTATTGCTCACCATCCCTCCGCTGCGTTCAGACTGCACATAATATATTGAAAGGTTTACAACAAGA
 CAATCACTTGAAGATTCGAGTGGAGCCGGGCTTATTGAAATGGACAAGTGGGTTGCTGGGAGCACATTA
 CCGGCATGGATACCTCCATCAGAGTTAGCTGCAGCCAACCTGAGTGTGATACAACCTACAGACCTCACA
 TTCCAGTCAGCAAATTGGCGATTTGGAATCCTATGACACCTACATCAATAGGAGTTTCCAGGTGACGAA
 AGAGATAATAAGTGAATGCAAAAAGTAAAGGAAATAACATTCTGATTGTGGCCACGCATCTTCCCTCGAA
 GCGTGTACCTGTGAGCTCCAAGGTCTATCCCCGCAAGACTCAAAGGACTTCGTACAAATGGTCCGGAAGA
 TCCCATACCTAGGCTTCTGTTCTGCGAAGAATTGGGAGAACTGGAATATGGCAACTGACAGACCCGCC
 CATCCTTCCCCTTACCCATGGCCCCACTGGGGCTTCACTGGAGAGAGACCCCTCTGCAAGAATAAGCT
 GCCTGAGAGCTGGGAAGAACTGGCCTTTTGCAGATGAGTCTCAGGATGCCCTGTAGCAGTGGGAAAGCC
 CAGCTGCATTCAAAGCAGACAGCTCAGAATCATTAGCATATTTCTTTTTCATGCTTAGGGGACGGTGAG
 ATTTGTGCAATGAGAGAAAGTCGTGATTCAGAGGGGAAATTAATAAAAAAAAAAAAAAAAAATCCATCTCTGG
 ACTTGCCTAGCTACCAAGGCTTTGGAGAAGTGTCTTCTAGGCTGAGCACCTGATGCAGCAGAACTACC
 ATCCTCCTTACAGGCTATGCATGGCTAAAGAGCCTCATTCTTCTCCAGAGAGCTGCTCCCTCCCGGAGAG
 GCATGCAAGAGGAAGGACTGTGTCTGGAATCCAACCTGGGGAGAGGATAGTCTTTTTGACTCCATTTGCA
 AGTTAGGGAAAGCCACTGAGGAGTGTCTTGTGTTGTTAGGGACCATAAGAATAGTCTGTGTGTCAGA
 CAGCAGATTCTACCCTCAGCAGACTCCATTCACTGCCGCTGTGAGGCACCCACTGAGGTCTCCCGACAT
 TCACCCCTGGTACCACACCACTTGTCTCCAGAGCAGTCTGGCCCTTCATGCTTCTATCTGTGAAATGGGG
 AGAACAGCCCTTTGCACGTTGAGATACTCAGGAGGGATCGAGAGAACGAGTGTGTGTTGATGGGAG
 GTGGAGCTACTTGCAGAATTTTAAACCAAGTTGAAATTACCCTGTGATGGCCGGATGAACGTGTAAGTCC
 CCAAGCCTGCCTGAATCAGGACGTGTCTCTCCACCCAGACTCTAGACTGTGTTAAGCAGTTAAGGAGATT
 GACATTTGAAAGGATGTTATGTTGGATTCACTATTTGGATCAGCAAAAAACAAAAACAGAAAAACAAAAAC
 ACAAAAAAGAAAAAATACTCCAGTGCATACAGATATTTTGTAGAACTATACCGAGGGTCTGTTGTT
 GGTACATACAGGCCACGTCCACTGTAGCAGAATGTCCATAGGTTAGCCCGTTTTAGGTTGTCCAGGAAG
 CCCAGGGACTAACGTGAATGGTACAGTCAACTGCAGTCTTCTTTGCTGCCCTCTTTGCTTTTCTA
 TGTAATTTAGAACAGACGGGAGGGAGGACCCTTGAAGGAAGCTGGAGAGTCAAGCCTATCTGTGGGC
 TCTCACTGCACCTACTTCTGTACTTAGAGAGAGTGTGTGATTTAAAAGAAGAATAAATGACAATCAA
 CCAA

Restriction Sites: RsrII-NotI
ACCN: NM_176860

Insert Size:	1917 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:	<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:	BC053436 , AAH53436
RefSeq Size:	3274 bp
RefSeq ORF:	1917 bp
Locus ID:	72828
UniProt ID:	Q8BGG7
Cytogenetics:	9 A5.1
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 and EGFR, on the cell surface. Exhibits tyrosine phosphatase activity toward several substrates including EGFR, FAK, SYK, and ZAP70. Down-regulates proteins that are dually modified by both protein tyrosine phosphorylation and ubiquitination.[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.