

## Product datasheet for **MC202955**

### **Ubxn4 (NM\_026390) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ubxn4 (NM_026390) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubxn4
Synonyms:	1300013G12Rik; mKIAA0242; Ubxd2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC019795 sequence for NM\_026390  
 CCGAACCCGAGGCTTCGCGGGGGCGCGCACTTACGGACTTACCTAGCCGACCAGGCACCGGGGCGCGCGA  
 CCCCTGACGAGGAGTGTCTGTCGTACGTGACACAGGGGCGTACTTTTCTTGCCAAGCGCGCTCCGGTGC  
 CGTCCCAGGGGGTGGCTGTCTGGCGTACGGGCTGGCTGGGTCTCAGACCGGGGCCGGATTAGCCGGT  
 GGTTGCCGGGGCCACGAGGCCAAGAACCAGGAGGGCGGGTCCGCTGTGGCACCAGCGCGACGACACAC  
 CGAGCGAGCGCTGGGCCTGAAGGGGACGATGCTGTGGTCCAGGGCGCCATCCCGCGGCCATCGCGTC  
 TGCTAAGAGGAGCGCGCGTCTTCGTGGTGTTCGTGGCAGGGGATGATGAGCAATCTATAAAATGGCT  
 GCAAGTTGGGAAGATGAAAAAGTGACACAAGCATCATCAAACTTTGTTGCTATTAATAATGATACTA  
 AAAGTGAAGCCTGTCTGACGTTTTACAAATTTATCCTGTAGTATGTGTTCCATCCAGTTTCTTTATAGG  
 AGACAGTGAATCCCTTTGGAAGTAATAGCGGGGAGTGTTCCTGACAGTGTGTTTACAAGAATTCAT  
 AAAGTCCAACAGATGCACTCGTCAAAAGGTGAAGCATCAGTGACAAATGACAACCAGTCAGAAAATTCAG  
 TATCTACCCCATCTGCCTCATTGAACTGATGTATGTGAAAATCCCGAGTCCAAAAATACAGAGCTTTG  
 TGACACCCAGCTACCTCTGACATAAAGTCAGATACTGCAACAGGAGGAGAATGCACAGGTCATGACAGC  
 CACTCTCAGGAGCCTCATGGATGTTCAAACCAGAGACCAGCCGAGGACCTCACCGTCAGAGTAGAAAGAC  
 TAACAAAAAACTTGAAGAAAGGAGAGAAGAGAAGCGGAAGGAAGCAGAGAGAGATTAAGAAGGA  
 AATTGAAAGGAGAAAACTGAAAGGAAATGTTGGATTATAAAAGAAAACAGAAGAAGAAATTAACAAAA  
 AGAATGTTAGAAGAAAGCAGAGAGAAGGCAGAAGATAGAGCGGCTCCAGAGCCATCAAGCAGCAGA  
 TTGCCCTGGATCGTGCAGAAAGAGCTGCTCGTTTTGCAAAGACAAAGGAAGCAGAAGCTGCCAAAGCTGC  
 TGCTTGTGACCAACAGGCAGGAACGGAAGTCAAGAGAGAGTCTACAGCACGAGACAGAAGCACCATT  
 GCAAGAATTCAGTTCGGCTGCCTGATGGTTCCTTTACAAACCAGTTTCTTCTGATGCTCCTCTAG  
 AAGAAGCAGGAGTTTCTGTCACAGACCGTGGCAACACCTATGGCAATTTTTCATTAGCCACCATTGTT  
 TCCCAGAAGAGAGTTCACCAGAGAAGACTATAAGAGGAGGCTGCTGGATCTGGAGCTCGCCCCAGCGCC  
 TCTGTGGTGTGCTGCCAGCAGGACGGCCAGCCACATCCATTGTCCACTTCTTAGTGGAGACATTTGGA  
 CATTACTGGGGACGGTGTCTTATCCATTCTGGCCATATGGAGATTAATTAGCAATTTTTTATTTAGCAA  
 TCCTCCTCTGACAGACTTCAGCAAGGCCACATCCACAGAGCCTTCAAACCTCTGCATCATCCAGCAAA  
 TCAGAGAAAAGGGAACAGTCCGAAAAAGAATGCTGAAAAACGAGGGGAAGACTTTAAAAAAGAAGGGA  
 AAATATACAGACTGAGGACTCAAGATGACGGTGAAGACGAGAACAACACTTGAATGGAACTCCACGCA  
 GCAGATGTAGGGTAGCGAGCAGTGCAGATTCTCACTGTTTCTTAGGACTCCACTCAGCGAGACTGCTGC  
 TGGAGAAGTGGTGCAGCTTTATGTTTTAGACCGTGTATAGTCTTTATTTCTGCTAAGAGGTTTTGAGTT  
 AAGTTGTTAACCTGAAAAAGTCAAACATGAAATAGCTGGATGCTAGGTCCTTGTGATGGTAACCAGCT  
 GTTGAGCCTAGAAGAATCCCAAGGCCACCCTGCCACCACCGCTCCTACTCAGACTCCACAGCCCCTAGCC  
 CAGTGTTCATTTAGGATACTTTTTGCTGCAAGATTCTCAAGCCACACACAGTAAGTGGTATGCTACTGA  
 GTAGTCTGAGCCCCGAGCACCTCAGCGAGCTAATCAGGTGATAACTGATGTTTAGCGTTTCTTTGAC  
 TCATCAGCCTCAAAAACAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA  
 AAAAAAGTTTCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_026390

**Insert Size:** 1521 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:** [BC019795](#), [AAH19795](#)

**RefSeq Size:** 2337 bp

**RefSeq ORF:** 1521 bp

**Locus ID:** 67812

**UniProt ID:** [Q8VCH8](#)

**Cytogenetics:** 1 E3

**Gene Summary:** Involved in endoplasmic reticulum-associated protein degradation (ERAD). Acts as a platform to recruit both UBQLN1 and VCP to the ER during ERAD.[UniProtKB/Swiss-Prot Function]