

## Product datasheet for **MC205534**

### Ubox5 (NM\_080562) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubox5 (NM_080562) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubox5
Synonyms:	1500010O06Rik; C330018L13Rik; Rnf37; Ubce7ip5; Ube7ip5; UIP5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC025068  
 CATTAACTCTGTGAAAGCTATCAGGTATGGGATACAATCTGCCACAGTCCCTAAAAGATACCAGATCGA  
 AGGCAAGAGGTAACACTGAGGCTGACGATGAAGATAATTTAATGTGGATTCCCTCCAACCTCAGGCTGCTT  
 CTGATGCTTGGAAAGCTATTGTTCCAGTTACTAAGATGGTAGTAAATCTTTGCCTCCCACAGTTCAGACCA  
 AGAATTCAGTCAACAAGGTGTGAGCTGATGGTTACGAAGTAGAAAATCTCATCTCTGAAGACCTCATAA  
 AAAGAAGCCATGGCTTTAGGACAGAGTATTTTCATTAGACCTCCAATCTATGTGACAGTTTCCCTTTCCCTT  
 TAATGTGAAAATCTGTAGGGTTAATATAGATCTCACAACCTGGGGATGTGAGAATGTCTCTGGCCGGAA  
 TTATATACATCTGCCTTATCTAGCAGAGTCTCTCAGGATGCCAGGACTGCTGGACTACAGGCCCGGTGG  
 AGACATCTGTCCCAGACAAGGAGGCCTTACCTTGGTAGGCAAAGTCTTACTGAAAAACAGAACCATGT  
 GGTGTTACAGCCACAGGGCTTCAAGGCCAGGCCACCTTTAGCCCGATGGAAGTCACTCTCTCTCTCTCT  
 GCTGTTGTAGCCAGGAACCTCTGGAATAAAGGGGCTCTTTCCCTTAGCCATGTGGCCACCTCAAGATCG  
 GCATCACCATGTGACGGGCAGTGGCATCTCTTGCATCAAGCGTTTAGAGGTGTGGGGTCAAGCCAGCCAG  
 GACCTGCTCTCAGGAGGTGATAAATAGTGTCTTGTGATAGCCTCAGAAAGCCTGCCTCAGGACTGGAT  
 CTGCATGCTCCAGCCTTGCCCATGGAGAGTACTGTGACCCTGGGGTCACTCTGAGAGCCAGCACTCTC  
 CCTGTACCTTACAGGACATGTCTGAGGTGAAAAGTACGTTCCAGAGGAGTTCTGGATCCTATCACCT  
 GGAGATCATGCCATGCCCATGTCTGCTGCCCTCAGGCAAGGTCAATGACCAGAGCACTCTGGAGAAGTGT  
 AACCTCAGTGAAGCTGCTTGGGGCCGAGTGCCAGTGACCCTTTCACAGGGCTAGCCTTTACTCCACAGT  
 CCCAGCCCTCCCTCATCCTTCCCTGAAAGCCCGATCGACCGGTTTCTACTCCAGCACTCTATTTCAAG  
 CTGCCCGCTGCTTGGGAGAGCACAGACTCCATCAGCAATGACCCCTTCTGTCAATACCCTGCCCTCAAGG  
 AAAAGGAAGACAGAGCAGGCTGAACACAGCTCACACTACAGCCTTGGCATGAGTGCCTTCTCTCTGCCA  
 CAAGCCCTTTATCTCACCTACTACCTCAGAGCCAACCTGCAAGAAGTGAAGCCACCAGTGAAGTGG  
 CCTGACGGACATGGACTGTTGAGCAGGTCCAGTGTCCCATGAGCAGAAGCTGGCGCAAAGTCTGAAAATT  
 GCCCTGACTTCTACCCTTGGCTCCATGCCTTCTTCACTGCCCGGCTCACCAAAGGGCAGTCCAGCTGG  
 GCACAAGAGGGAGCAGTGTGAGGAGGCCAGCCTCCAGCTCCGAGCATCCAAGGAGTGTCTTGCCCC  
 AGAGTGTGCCTCCTGCAACAAGCATTTTCTTCTACTCCACAAATGAGCCTGTGTACCAGCTGCCTGT  
 GGTACCTTCTGTGCCGACCCTGCCTGAGTGAGAAGCAACGTTCCAGCCATGATGTGCACAGCCTGTC  
 GGCAGCCAGTACCAGCCAGGATGTGCTGCGGGTCCATTTCTGAGTGATGAGCCTCAACTGGAGAAGCCC  
 CATTTTGGGGGAGACCTGAAGGTGGAGGAAGCAAGAACAGGACCCAGTGCCTCTGTTCTCTTTGGGCT  
 TGAATACCTCATGGTGTGTTATGGAGACTGGGTAGGACATCCCCTCTGCTTAGGCAACAACAGGATA  
 ATAAAGCCATAGGGCTGGGCTGGGAAGACATCCCTACTCTCCCTGGCCACCTTGTCACTTCCCAACCA  
 GAGCCAGCCCTCACTGGTCAAGGACTCCCCTGTGCCCATGTTATCTGCATACAACCTTCTAATGGAG  
 CTTTGTGGATGGAGCTCAATAGACTGACTTGGGACCTCACACAGCCTTCTCTGCCTCATGGTCACTCAGA  
 AGTGGACCATGGTAGGGCTGTTAAGCACATGAGTTAGCCATGTGTACCCCCACCTCTGCAGACACTTGC  
 AGCCTTAATAAAGTGACAGTTGACATTCAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_080562

**Insert Size:** 1620 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:** [BC025068](#), [AAH25068](#)

**RefSeq Size:** 2283 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 140629

**UniProt ID:** [Q925F4](#)

**Cytogenetics:** 2

**Gene Summary:** May have a ubiquitin-protein ligase activity acting as an E3 ubiquitin-protein ligase or as a ubiquitin-ubiquitin ligase promoting elongation of ubiquitin chains on substrates. [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks an exon in the 5' UTR, compared to variant 1. Variants 1-3 encode the same protein. 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.