

Product datasheet for **MC228224**

Ubox5 (NM_001255993) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubox5 (NM_001255993) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubox5
Synonyms:	1500010O06Rik; C330018L13Rik; Rnf37; Ubce7ip5; Ube7ip5; UIP5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228224 representing NM_001255993
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAGTAAATCTTTGCCTCCCACAGTTCAGACCAAGAATTCAGTCAACAAGGTGTCAGCTGATGGTT
 ACGAAGTAGAAAATCTCATCTCTGAAGACCTCATAAAAAGAAGCCATGGCTTTAGGACAGAGTATTCAT
 TAGACCTCCAATCTATGTGACAGTTTCCTTTCCCTTTAATGTGGAATCTGTAGGGTTAATATAGATCTC
 ACAACTGGGGATATCAGAATGTCTCTGGCCTGGAATTATATACATCTGCCTTATCTAGCAGAGTCTCTC
 AGGATGCCAGGACTGCTGGACTACAGGCCGGTGGAGACATCTGTCCAGACAAGGAGGCCCTTCACCTT
 GGTAGGCAAAGTCTTACTGAAAAACCAGAACCATGTGGTGTTCAGCCACAGGGGCTTCAAGGCCAGGCCA
 CCTTTTAGCCGATGGAAGTCACTCTCCTCTCCTGCTGTTGTAGCCAGGAAGTCTGGAATAAAGGGG
 CTCTTTCCCTTAGCCATGTGGCCACCTCAAGATCGGCATCACCCATGTGACGGGAGTGGCATCTCTTG
 CATCAAGCGTTTAGAGGTGTGGGTGAGCCAGCCAGGACCTGCTCTCAGGAGGTGATAAATAGTGTCTTG
 TTGATAGCCTCAGAAAGCCTGCCTCAGGACTTGGATCTGCATGCTCCAGCCTTGCCCATGGAGAGTGACT
 GTGACCCTGGGGTCACTGAGAGCCAGCACTCTCCCTGTACCTTACAGGACATGTCTGAGGTGGAAAG
 TGACGTTCCAGAGGAGTTCCTGGATCCTATCACCTGGAGATCATGCCATGCCCATGCTGCTGCCCTCA
 GGCAAGGTCATTGACCAGAGCACTCTGGAGAAGTGAACCTCAGTGAAGCTGCTTGGGGCCGAGTGCCCA
 GTGACCCTTTCACAGGGCTAGCCTTTACTCCACAGTCCCAGCCCTCCCTCATCCTTCCCTGAAAGCCCG
 GATCGACCGGTTCTACTCCAGCACTCTATTTAGGCTGCCGCTGCTTGGGAGAGCACAGACTCCATCA
 GCAATGACCCCTTCTGTATTACCCTGCCCTCAAGGAAAAGGAAGACAGAGCAGGCTGAACACAGCTCAC
 ACTACAGCCTTGGCATGAGTGCCTTCCCTCTGCCACAAGCCCTTATTCTCACCTACTACTCAGAGCC
 AACTGCCAAGAAGATGAAAGCCACCAGTGAGCTTGGCCTGACGGACATGGACTGTTGAGCAGGTCCAGTG
 TCCCATGAGCAGAAGCTGGCGCAAAGTCTGGAATTTGCCCTGACTTCTACCTTGCTCCATGCCTTCT
 TCACTGCCCGGCTCACCAAAGGGCAGCTCCAGTGGGCACAAGAGGGAGCAGTGTGTCAGGAGGCCAGC
 CTCCAGCTCCGAGCATCCAAGGAGTGTCTGGCCAGAGTGTGCTCCTGCAAACAAGCATTTTCTTCC
 TACTCCACAAATGAGCCTGTGTACCAGTGCCTGTGGTACCTTCTGTGCCGACCCTGCCTGAGTGAGA
 AGCAACGTTCCAGCCCATGATGTGCACAGCCTGTGGCAGCCAGTCACCAGCCAGGATGTGCTGCGGGT
 CCATTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001255993

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001255993.1](#), [NP_001242922.1](#)

RefSeq Size: 3900 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 (1) is the longest transcript. 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.