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Product datasheet for MC228225

Ubox5 (NM_001255994) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubox5 (NM_001255994) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubox5
Synonyms:	1500010O06Rik; C330018L13Rik; Rnf37; Ubce7ip5; Ube7ip5; UIP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC228225 representing NM_001255994
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTAGTAAATCTTTGCCTCCCACAGTTCAGACCAAGAATTCACTGCAACAAGGTGTCAGCTGATGGTT
ACGAAGTAGAAAATCTCATCTCTGAAGACCTCATAAAAAGAAGCCATGGCTTTAGGACAGAGTATTTCAT
TAGACCTCCAATCTATGTGACAGTTTCCTTTCCCTTTAATGTGGAAATCTGTAGGGTTAATATAGATCTC
ACAACTGGGGGATATCAGAATGTCTCTGGCCTGGAATTATATACATCTGCCTTATCTAGCAGAGTCTCTC
AGGATGCCCAGGACTGCTGGACTACAGGCCCGGTGGAGACATCTGTCCCAGACAAGGAGGCCTTCACCTT
GGTAGGCAAAGTCTTACTGAAAAACCAGAACCATGTGGTGTTCAGCCACAGGGGCTTCAAGGCCAGGCCA
CCTTTTAGCCCGATGGAAGTCACTCTCCTCTCTCCTGCTGTTGTAGCCCAGGAACTCTGGAATAAAGGGG
CTCTTTCCCTTAGCCATGTGGCCCACCTCAAGATCGGCATCACCCATGTGACGGGCAGTGGCATCTCTTG
CATCAAGCGTTTAGAGGTGTGGGGTCAGCCAGCCAGGACCTGCTCTCAGGAGGTGATAAATAGTGTCTTG
TTGATAGCCTCAGAAAGCCTGCCTCAGGACTTGGATCTGCATGCTCCAGCCTTGCCCATGGAGAGTGACT
GTGACCCTGGGGGTCAGTCTGAGAGCCAGCACTCTCCCTGTACCTTACAGGACATGTCTGAGGTGGAAAG
TGACGTTCCAGAGGAGTTCCTGGATCCTATCACCCTGGAGATCATGCCATGCCCCATGCTGCTGCCCTCA
GGCAAGGTCATTGACCAGAGCACTCTGGAGAAGTGTAACCTCAGTGAAGCTGCTTGGGGCCGAGTGCCCA
GTGACCCTTTCACAGGGCTAGCCTTTACTCCACAGTCCCAGCCCCTCCCTCATCCTTCCCTGAAAGCCCG
GATCGACCGGTTCCTACTCCAGCACTCTATTTCAGGCTGCCGCCTGCTTGGGAGAGCACAGACTCCATCA
GCAATGACCCCTTCTGTCATTACCCTGCCCTCAAGGAAAAGGAAGACAGAGCAGGCTGAACACAGCTCAC
ACTACAGCCTTGGCATGAGTGCGTCTTCCTCTGCCACAAGCCCTTTATTCTCACCTACTACCTCAGAGCC
AACTGCCAAGAAGATGAAAGCCACCAGTGAGCTTGGCCTGACGGACATGGACTGTTCAGCAGGTCCAGTG
TCCCATGAGCAGAAGCTGGCGCAAAGTCTGGAAATTGCCCTGACTTCTACCCTTGGCTCCATGCCTTCCT
TCACTGCCCGGCTCACCAAAGGGCAGCTCCAGCTGGGCACAAGAGGGAGCAGTGCTTGCAGGAGGCCAGC
CTCCAGCTCCGAGCATCCAAGGAGTGTTTCTGGCCCAGAGTGTGCCTCCTGCAAACAAGCATTTTCTTCC
TACTCCACAAATGAGCCTGTGTACCAGCTGCCCTGTGGTCACCTTCTGTGCCGACCCTGCCTGAGTGAGA
AGCAACGTTCCCAGCCCATGATGTGCACAGCCTGTCGGCAGCCAGTCACCAGCCAGGATGTGCTGCGGGT
CCATTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001255994

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).

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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_001255994.1, NP_001242923.1
RefSeq Size:	3753 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 (3) 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.

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