

## Product datasheet for **MC205434**

### Ubxn6 (NM\_024432) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubxn6 (NM_024432) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubxn6
Synonyms:	1200008L11Rik; 2210415J11Rik; AU040909; Ubx1; Ubx2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC049963

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CCGCCTGCTCCTCATCCACCCGGGCCCTGCGCCCTCCGCCCTGCGGCCCAAGCCGCCGGCCGCTGCCGC
CATGAAGAAGTTCTTCCAGGAAATCAAGGCTGACATCAAGTTCAAGAGCGGGGCCCGCCAGAAGCTT
ACGGATTCGCGAGGGGAGAAGACCACCAAGGAAAGTCAACACAGCTGGCCCTCCGGCAGCCCCGTGAGG
GCCCACTGATGAGGCACAGATGGCTGCGCTGCTGCCCTGGCCCGCTGGAACAGAAACAGCCCCGAGC
CCGGGGCCCTACATCTCAGGACTCCATCCGGAACAGGTGAGGAAGGAACTTCAGGCCGAAGCCACTCC
AGCAACAATCCAGGAGCTCCTGGGACCAACTCGGTACCTGAGCCCAAGGAGGAAATCTCTCCCCATTGG
CAGTGCCTGGTGTGTTCTTCATCTGTCCGCTCACAGGTGTACCCTGAGGAGGGACCAGCGGGATGCCCA
CATCAAGCAGGCCATCCTGTCGCACTTTCCACAGACCCCGTGGTGCCTCCATCATGAAGATACATACA
TTCAATAGAGACCGGGACCGAGTGAAGTGGGTGGTACTATCGCAAATACCTGGACAACATCCATT
TACACCCAGAGGAAGAAAATACCAGAAAATCAAAGTGCAGAACAAGGTGTTCCAGGAGCGCATCAACTG
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GGTGGAAATGCACACAGGCTGTGGATGGAGACAGCTGGCAGCATGGAGCTGTAATTCCTAAGTTATAAACC
CCAAATAAACAGGCTATTTAAAAAAAAAAAAAAAAA

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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_024432
<b>Insert Size:</b>	1329 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC049963</a> , <a href="#">AAH49963</a>
<b>RefSeq Size:</b>	1714 bp
<b>RefSeq ORF:</b>	1329 bp
<b>Locus ID:</b>	66530
<b>UniProt ID:</b>	<a href="#">Q99PL6</a>
<b>Cytogenetics:</b>	17 D
<b>Gene Summary:</b>	May negatively regulate the ATPase activity of VCP, an ATP-driven segregase that associates with different cofactors to control a wide variety of cellular processes. As a cofactor of VCP, it may play a role in the transport of CAV1 to lysosomes for degradation. It may also play a role in endoplasmic reticulum-associated degradation (ERAD) of misfolded proteins. Together with VCP and other cofactors, it may play a role in macroautophagy, regulating for instance the clearance of damaged lysosomes.[UniProtKB/Swiss-Prot Function]