

## Product datasheet for **MC207591**

### Uba5 (NM\_025692) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Uba5 (NM_025692) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Uba5
Synonyms:	5730525G14Rik; AW240750; Ube1dc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207591 representing NM_025692 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCGACTCGGTGGAGCGACTGCGACAGCGGGTTGAGGAGCTGGAGCAGGAACCGCCGGGAGAGAA  
CCCGGCGCTCTGGAGGGGACGGCCACTGCGGCCGACCCGCATCCAGGAGATGAGCGACGAGGTGTTGGA  
TTCCAATCCCTACAGCCGCTCTGATGGCATTGAAACGGATGGGAATTGTCAGTGACTATAAGAAAATCCGT  
ACCTACGCTGTAGCAATAGTAGGTGTTGGTGGAGTTGGTAGTGTGACTGCTGAAATGCTGACAAGATGTG  
GCATTGGTAAGCTGCTGCTCTTTGACTATGATAAGGTGGAGCTGGCCAACATGAATCGGCTTTTCTCCA  
GCCATATCAAGCAGGACTGAGTAAGGTCCACGCAGCAGAACACACCCTGAGGAACATTAACCCTGATGTT  
CTGTTTGAAGTCCACAATAACAATATCACCACAGTGGAACTTTGAACATTTTCAATGAATAAGAATAAGTA  
ATGGTGGATTAGAAGAAGGACAACCTGTTGACCTAGTTCTTAGCTGTGTGGACAACCTTTGAAGCTCGAAT  
GGCAATAAATACAGCTTGTAAATGAACTTGGTCAGACATGGATGGAATCTGGGGTCAGTAAAAATGCAGTT  
TCCGGGCACATCCAGCTGATGATCCCTGGAGAGTCGGCTTGCTTCGCGTGTGCGCCACCCTGTAGTTG  
CTTCAAATATTGATGAAAAACCCTGAAACGAGAAGGCGTCTGCGCAGCCAGTCTCCCCACCACCATGGG  
GGTGGTGGCCGGGATCTTGGTACAAAATGTAATAAAGTTTCTGTTAAAATTTGGCACTGTCAGTTTTTAC  
CTTGGATACAATGCAATGCAGGATTTTTCCCTACCATGTTTCAATGAAGCCAAACCCTCATTGTGTGACA  
AAAATGTAGAAAAGCAACAAGAAGAATACAAGAAGAGGGCAGCAGCACTGCCACGCAGGAGGCTGAGCC  
CCAGGAGGAGGCAGAGGTGGTTCATGAGGACAACGAGTGGGGCATTGAGCTGGTGTCTGAGGTTTCAGAA  
GAGGAACTGAAGAATCTTCAGGTCTGTTCCACCTTACCTGAAGGCATTACAGTGGCATAACAGTCC  
CAAAGAAGACGGAGGATTCGGCTTCTGAAGTAACAGTGAAGACTCTGGTGAAGCTTGAAGATCTTAT  
GGCCAGGATGAAGACTATGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGTTTAA



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<b>Chromatograms:</b>	<a href="https://cdn.origene.com/chromatograms/ja1843_c08.zip">https://cdn.origene.com/chromatograms/ja1843_c08.zip</a>
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_025692
<b>Insert Size:</b>	1212 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="#">BC019764</a> , <a href="#">AAH19764</a>
<b>RefSeq Size:</b>	1448 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	66663
<b>UniProt ID:</b>	<a href="#">Q8VE47</a>
<b>Cytogenetics:</b>	9 F1
<b>Gene Summary:</b>	E1-like enzyme which activates UFM1 and SUMO2.[UniProtKB/Swiss-Prot Function]