

## Product datasheet for MR211689

### Ubn1 (NM\_026666) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubn1 (NM_026666) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ubn1
Synonyms:	1110029L11Rik; 2610108L02Rik; AA673476; AW124741
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211689 representing NM_026666 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCGGAGCCCCACAGGGTCCAGTTCACCTCTGTCCCAGGTTCTTTGAATCCTGCATTTTTGAAGAAGT  
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TACTACTCTCTTTGAACCAGATCACAAACGGTGTCCAGAGTCTTCTACCCAGAGTTGGTAAAGAAT  
ATCCGCGGAAGGTAAAAGGCCCTTCATCCTGGAGACAAGAAAAAGATGTCTGGATCCTTCAATGATG  
AAGAAAAAGAAAGGCATAAGGTGGAGGCCCTTGCACGAAATTTGAAGAAAAATATGGTGGAAAGAAACG  
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CACTCCAGAAGCTCAAGGATGCCATAGGTAGGGCTATGCCTGAGCAGGTAGCCAAGTACCAGGATGAATG  
CCAAGCACACACAGGCAAAGTTGCTAAGATGCTGGAGGAAGAAAAGACAAGGAGCAGAGAGAACGG



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ATTTGTTCTGATGAAGAAGAGGATGAAGAAAAGGGGGCCGAGAGAATAATGGGGCCCCGGAAGAAATTC  
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GCTTACAGCTTCATGGTAAAGGGCTGTTGTACCGAGGAAATTG

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR211689 representing NM\_026666  
 Red=Cloning site Green=Tags(s)

MSEPHRVQFTSVPGLNPAFLKKSRRKEEVGGTEQHQDCEPAAAAVRITLTLFEPDHRKRCPEFFYPELVKN  
 IRGKVKGLHPGDKKKDVLDPFNDEEKERHKVEALARKFEEKYGGKRRKDRIQDLIDMGYGYDESDFSID  
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 LLQLVKTAAGQAFHATMPASSGSSPASSSAHKTASNSTTISHPAKLHPTSSVGPSYKNNPFAGSVSK  
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 ASQLHGKGPVVRKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9097\\_f06.zip](https://cdn.origene.com/chromatograms/mm9097_f06.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

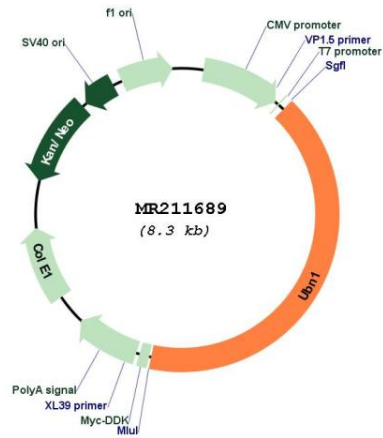


**ACCN:** NM\_026666

**ORF Size:** 3405 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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="#">NM_026666.4</a>
<b>RefSeq Size:</b>	6455 bp
<b>RefSeq ORF:</b>	3408 bp
<b>Locus ID:</b>	170644
<b>UniProt ID:</b>	<a href="#">Q4G0F8</a>
<b>Cytogenetics:</b>	16 2.49 cM
<b>MW:</b>	122.3 kDa
<b>Gene Summary:</b>	Acts as a novel regulator of senescence. Involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. Binds to proliferation-promoting genes. May be required for replication-independent chromatin assembly (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211689