

## Product datasheet for MR201696

### Imp3 (NM\_133976) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Imp3 (NM\_133976) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Imp3  
**Synonyms:** 1190002L16Rik; AI256594  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201696 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGCGGAAGCTTAAGTTCCACGAGCAGAAGCTGCTGAAACAGGTGGACTTCCTAAACTGGGAAGTCA  
 CCGACCACAACCTCCACGAAGTGCCTGTCTGCGCGGTACCGGCTGCAGCGCGCAGGAGTACACGCG  
 CTACAACAGCTGAGCCGAGCGGTGCGCGAGCTGGCGCGCGCCTGCGCGACCTGCCGGAACGCGACCCA  
 TTCCGCGTGCGCGCTCGGCGCGCTGTTGGACAAGCTGTACGCTATGGGCTGGTCCACGCGCGGCT  
 CACTGGAAGTCTGCGACTCCGTCTCGGCTCGTCTTCTGCCCGCGCTTGCCTACTTTGCTCCTCAA  
 GCTACGCATGGCGCAGCATCTCCAAGCTGCTGTGGCTTTGTGGAGCAGGGTCATGTCCGCGTGGGCCCCA  
 GACGTGGTCACTGATCCCGCCTTCTCGTCACTCGCAGCATGGAGACTTTGTCACCTGGGTGGACTCAT  
 CCAAGATCAAGCGGCACGTGTTGGAGTACAATGAGGAGCGCGATGACTTTGATCTAGATGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201696 protein sequence  
 Red=Cloning site Green=Tags(s)

MVRKLFHEQKLLKQVDFLNWEVTDHNLHELRLRRYRLQRREYTRYNQLSRVRELARRLRDLPERDP  
 FRVRASALLDKLYAMGLVPTRGSLELCDSVSASSFCRRRLPTLLLKLMAQHLQAQAVAVEQGHVRVGP  
 DVVTDPAFLVTRSMEDFVTWVDSKIKRHVLEYNEERDDFDLDA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



**Cloning Scheme:**


**ACCN:** NM\_133976

**ORF Size:** 555 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_133976.2](#), [NP\\_598737.1](#)

**RefSeq Size:** 915 bp

**RefSeq ORF:** 555 bp

**Locus ID:** 102462

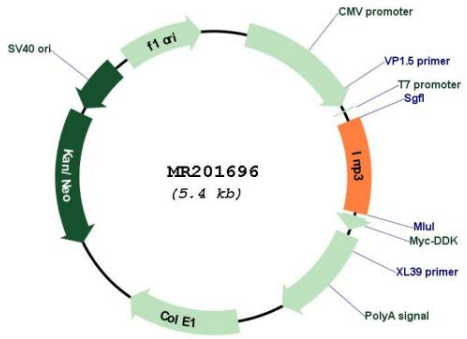
**UniProt ID:** [Q921Y2](#)

**Cytogenetics:** 9 B

**MW:** 21.8 kDa

**Gene Summary:** Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201696