

## Product datasheet for **MR228998**

### Muc15 (NM\_001290786) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Muc15 (NM\_001290786) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Muc15  
**Synonyms:** 4732460E09; D730046L02Rik; MUC-15  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR228998 representing NM\_001290786  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTGACCTTAGCCAAAATGCATTGATTTCAAGTCTGTTTCATTTACCATTTGCGAGGCCTCAGA  
AACAAAATCCACGAAGAAATGAACTCAGCACACTATAGAAGATGTGAAAATAATGAGAAACAACCCAT  
TCATTTGGAAAGAAGCATAAATGAACTCAGAGAATGGAAGTGATATCTCCAATCTCATGGTGACAACT  
CCTTCTCCTTTGAATTTATCTACAACCTTCAGAACAAATCCACCAGAACCTGGCTAATGACTAGCT  
CATCTGAGAGTTCAGACCCCTCCTCCACATATTCTGTTCCCTTGGTTCAGGGCTTTGTTTCCAAGTT  
GCCTTTGAACTCATCCACAGCAGACGCAAAATCCTTTACAGGTCTCCGAACATTCCAATTCTACAAATTC  
CCATCACCAGAAAACCTTTACTTGGTCTTTGGACAATGACACAATGAACAGTCCTGAAGATATTTCCACTA  
CAGTAAGACCCCTCCCTCCACCTCAAAGACCACACCTGTGACCCCTTTCACAGCTGAACCTACTGAATG  
GCTCCCCACAAAACATGACAACCTTTGCTGGTTTTACCCCGTATCAAGAAAAACAACCTTTACAACCTACA  
CTAAAATTCACCAATAATTCAAACCTTTCCCAAATACATCAGACACCCAAAAGAGAATAAGAACACAG  
GAATAGTATTTGGAGCCATTTTAGGAGCCATCCTGGGTGCTTCACTGCTTAGCCTTGTGGCTACTTATT  
GTGTGGACAACGAAAACAGATTCATTTCCATCGGCGCCTTTATGATGACAGAAAACGAACCCAGTTACT  
ACAACCCAGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR228998 representing NM\_001290786  
 Red=Cloning site Green=Tags(s)

MLTLAKIALISSLFISLPFARPQKQNP RRNV TQHTIEDVKIMRNNSIHLERSINVTSENGSDISNLMVTT  
 PSPLNLSTTFRTTNSTRTWLMTSSSESRPSSTYSVPLVQGFVSKLPLNSSTADANPLQVSEHSNSTNS  
 PSPENFTWSLDNDTMNSPEDISTTVRPFPPPKTTPVTPFTAEPTEWLP TNNDFAGFTPYQEKTTLQPT  
 LKFTNNSKLF PNTSDTPKENKNTGIVFGAILGAILGASLLSLVG YLLCGQRKTD SF SHRRLYDDRNEPVT  
 TTQL

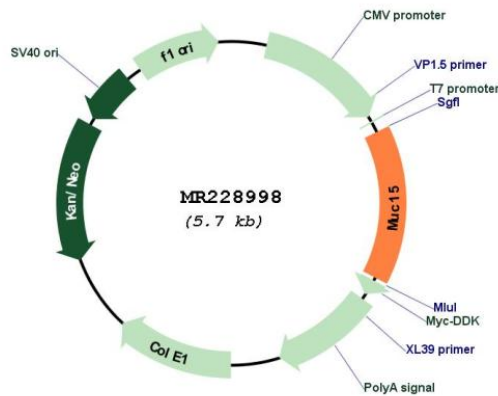
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001290786

ORF Size: 852 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_001290786.1</a> , <a href="#">NP_001277715.1</a>
<b>RefSeq Size:</b>	3222 bp
<b>RefSeq ORF:</b>	855 bp
<b>Locus ID:</b>	269328
<b>UniProt ID:</b>	<a href="#">Q8C6Z1</a>
<b>Cytogenetics:</b>	2 E3
<b>MW:</b>	31.8 kDa