

## Product datasheet for **MC221954**

### Usp26 (NM\_031388) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Usp26 (NM_031388) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp26
Synonyms:	MGC159157
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221954 representing NM\_031388  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCCATATTGATAAATGCTCAAGTCCAGATGTGGAGTGCAAAGGCAGGAATGTCCAAGTCAAGAA  
 ATGCACTCATTGAAACATGTGTAGGAAAACGAGAAGTTAAACTTATTCTCTATTTTCAGCACTGGAAAGAT  
 TAAGACTTTGCAACTACACGATAATATTTAAAAGTGTGGTCTTCAAACCTATGGCGAAGACCAGAATTAC  
 CTACATTTGACTTTTAAAAATAATGATTTCTTGTTTGTTGAGAACTCACCACCACAGATGCCAGAAGAC  
 TGAAGAGATTTCTAGACAAAACCTCTCAAGGTAGTATTCGGCCAGCCAGAAGTGATGAGAGATGTGGTGA  
 GCCTAGCACAAGTGCACAGGAGTTGAATGGCTCTGGAAGTTCATGTGAAACAAATAGTGAGTGCTTTGAA  
 TCACCCAAAGAAAGTGAATGTGCATGTTTCGTGAGTTGTCTTTGCTTCCATCCTCATCAACCTTTCTTC  
 ACAATGTAGGATTATTAGAAAACCAATTCATAAAGAGGAAAAGATTTTTCTCTGATTTAGCAAAAAATGA  
 AAAACAGAGCAACCTGAAGGACAGTATCAGGGACTTTGAGGCAAAATTTAGTGGTGTGTATCTCTAATGAA  
 AAGGGAAAAGAAAGGAATGTAAGAGAAGTAGACATCAGTAAGCCAGGGTTTGATTTCCATTTGAGACCA  
 ACTATCCTGAAGATAGTGGTGTGGATGTTCTGTATCTTAATGATCTCATTACAAAATTTTTCTCCAGT  
 TCTGTTGGAAACACACTGTATTGAGAACGGCTAGAGTGGCATGAATATATGAAGACATACTTGCTTTAC  
 CCAGAGAAATTTGGCAAGGCCTGCCTAATGTGGGAAACACCTGCATATAAATGTTGTATTACAGTCTC  
 TATGCTCAATACCACTGTTTATTAATGATTTATCAACCAGGGTTTCCATGGATTAAGCTCCCAAAGA  
 TGATTTTAAACATGCTCTTGATGCAACTGCTTGTGTTTGAAGATATTTACAACGCAAGATTTAGACAGAAG  
 TTACTTATAGGTATTACAAAAGCCCTCCCATATTTGGAGAGATATTTGCTGTTGACAGGCAGAATGATG  
 CTATGAGTTTTTAAAGTCTCTGTTTAGTTCAGTTGAAGGAGACTTCCAAGAGTAACCATGATGTGGCA  
 GTCTGAAAATGATTCGGGGGATTTTACTTACTTAAAGACATTTTTGCTGATTATGCTACTATCAACAAA  
 ATGCCCGTTTGTCTGTTACCAATAATTTGAATTTGAGTTGCTAAGCTCCATTTTTTGAAGCTTGTG  
 GCCTGACTCTTTTTAAGGGAGAACCAAGTAGATACCTTTCTATCAACATTCCTCAAGGAGGAAAGACAT  
 GTCCATCCAGTCCACTTTAGATCTTTTCTTTAGTGCAGAGGAGCTTGAGCATAGGTGTGAAAAGTGTG  
 TACAACAAATCTGTTTCACTTTACAGGTTTGGCCGGCTACCCAGGTAATTTGTTTCTGAAACGCT  
 ATCACTTTAATGAGTCATGGTAATGAAGAAGGATGAGCGGCCCATCCTTGTTCCAAATACTTAAGGCT  
 GTCTTGTCACTGTAGCAAAAGCACAAAACCGCCCCACCCCTTCGCCAGGTGAACATGTTAAGAATCTT  
 GACTTATTTAAACCCCTTGAAGTGTGGGTTCCGAAATACTCAAATTCCTTTTAAATTCAGTGAGGACCT  
 CTAGATCCAAGGGTTTCGAAACTATAAACATCACATCAAACAGGGAGTCAGAAGCACAAAGTGGGAAAAG  
 AGTCTCTGAAGTGTGAGTGAAAAGTGCAGCAGGAAAATTCAGGGAAAAGGTGACACAGCACATATAGTT  
 GGGTCAGAACTTACAAAGGAGACTGAGAAACTCAAGAAACATGAGGAAGAGCATAGACCCAGTGATTTAG  
 ATCTGTTAGTATCAGGGAGGCCAAAAGTACCAACAGGCTGAGAAATGTAAACGAAGGGAGAAGTGATAA  
 GCAGATTTCCCTAGAGGCACTTACTCAAAGCCGTCCAAAACCAATCTCCAGGAACAGACAGAAAACCTT  
 GGGAAAACACTGACATACCCAGGATAGTAGTCAGAGTTCACAGAGCTCATCAGATCCAGTAAGA  
 GCTCCCGATGCAGTGATGATCTCGATAAGAAGGCAAAGCCTACACGCAAGGTGGATCCAACAAAGTTAAA  
 TAAAAAGAAGATAATGTTTACAGGCTTGTAAATATTATCAACCATATTGGGAACAGTCCAATGGAGGC  
 CACTACATCAATGATGCCTTTGACTTCAAGAGGCAGAGTTGGTTCACTTATAGTGATCTACATGTAACAA  
 GAACCCAAGAGGACTTTGTATATAGGGTCCGAGTTTCTACTGGGTATGTCTTTTACATGCATATGA  
 TATATTTGAAGAGCTCTTGGCAAAGGAACTCAGTCTACCAGCACATCCAAGGGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_031388  
**Insert Size:** 2508 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="#">NM_031388.2</a> , <a href="#">NP_113565.2</a>
<b>RefSeq Size:</b>	4133 bp
<b>RefSeq ORF:</b>	2508 bp
<b>Locus ID:</b>	83563
<b>UniProt ID:</b>	<a href="#">Q99MX1</a>
<b>Cytogenetics:</b>	X A5
<b>Gene Summary:</b>	Involved in the ubiquitin-dependent proteolytic pathway in conjunction with the 26S proteasome. Deubiquitinates the androgen receptor and regulates the androgen receptor signaling pathway.[UniProtKB/Swiss-Prot Function]