

## Product datasheet for RN217452

### Usp11 (NM\_001198555) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Usp11 (NM_001198555) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp11
Synonyms:	RGD1310835
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217452 representing NM_001198555 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACGGATGACTCTCTGAAGATTGAAATGGTTTGCCACTGGTTGGACCAGGGACTGATATAGGGATAT  
CTTCACCTCCCATGCTGGGGTACTTGGGAAAAATATGCTTCAGCTAAAGTTCCAGCAGACGGGTATTG  
CCCTACTGTAGAGCGAAAGGAAAGCTAAACACCTTAAAACTTACCGCATCAGCTTCCAAGAATCTATC  
TTTTTGTGTGAGGATCTTCAGTGCATTTATCCTTTGGGCTCTGAGTCACTTACTAACTTAATTTCTCCTG  
ATTCGGAAGATTGCACACTCCAATAAGCCTCAGAAAAGAAAGAGATTGGAAGACAACCTGAAGAATTC  
ATCTCTCCAGTACATTCTAAAAAGACTAGAGGTACCTTGTCACTGACAGTGACCAGATTGTGAACGGT  
GAGTGTAAATGGAGAAGTGTGTGGTACTTCTCAGCCAGCTTCCCAGGTGACAGTGCTCACCAGGATCCCC  
CCAGGACAGCTGCTTCTGTGGGGCAGAATGGGACTTTGGAAGCCAATGATAACGTGGTCAATGGTACTAC  
AGAAGATCCTGTGTCAGTTGGTGTACACCCGAGCTGGAATGCCGTCTGAGAGCAGATGTTTATCACTT  
TGCCAGCCTCTCTGTGTCAGTGGAGAAACACTCAGGCGCTGTGCTGGTTAGACTGTATCCTCTCGGCC  
TGGTGCACCTGGAGGTGTGAGGGACGCCGTGCTGGAGGTGTGCTCCAGAGAGGAGTGTGTGTTGGGAA  
GCTGTTTCAAACCTACCACCAAGCAGATAAGCTTCTGTACACCCATCACCTGCATGGCGTCACAGGTGAA  
GATTGTAAAAAATGACGACAGAAATATTTACAGAGATAGATACCTCTTTGAATAAAATAGAGATGAAA  
TTTTTGCTAAACTTCAGCCTAAGCTTAGATGCACACTAGGTGACATGGAAGTCCTGTGTTGCACTTCC  
TGTAAGCTTGAACCCATGTTGAAAACCTCTTTACATATTCTTTTTCTTGAATTTTGAATGT  
TCCATTGTGGGCACCAGTACAAAACAGGTGTGTGAAGAGTCTGGTACCTTTACAAATGTTGTTCTCTG  
AGTGGCATCCACTCAATGCTGCCATTTCCGGTCCGTGTAACAGTTGCAACAGTAAATCACAAATCAGAAA  
AATGGTGTGGAAAGAGCGTCGCCATAATCATGCTGCACCTCGTGAAGGTTTGCCAGGAAGGACCTG  
CAACACTATGCCTTCCACTTTGAAGGCAGTCTTACCAAGTCACCTCCGTACACAGTACCGGGCAAGA  
ACCATTTATAACGTGGACTGTAGATGCTGATGGGAGTTGGCTGGAGTGTGATGACCTGAAGGTCCTGTG  
TGCTAAAAGCATGAGGCTGTGAAGTCCAGCATCAGAGACACATATCGTTATTTGGAAAGAAAAATCC



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CAGGTGCCAGTTGAAGGAGCTGCCTGCCTCCACACATGAAGCTGCACGTGCAGTCCGTGTCAGGTGAGG  
 AGCAGCCGAGTTCTTGCTGGGACCGCCACCTCAGAACCCTCAGTCGCCCATCTACACCTATGGCAGT  
 TGCTCCTCAGATTCTCCAGCAACCCAAGCTGTAGCTCATGGAGATAGTGTCTTTTCAGGAACAGGAGGC  
 TTGCTGGACAGCGTTTACCCTCTGCACCTGAAGAGACTATCCAGGAACTGCCTCTGTTTCTCAGATTG  
 ACTCCAAAGATTGCCTCTTAGAAGACAAACCTGTGGTAGGAAGTGCAGGACCTGTGAGAACACTGACTTT  
 TCAGCCGCAGGACTCCCTGGGGTCTTCTTGGTGTGAACCTGTGTGAAGGAATGCTAGTTGCCCTTGT  
 GTGGATTCCAGGTTCCCATCCCAAGCTGTGAGCACAGGCTGCAGGCAGTACCGTCTCAGGCAGGGGACA  
 CAGTGGTTCCCTAAACCTGTGACTGATGCCCTGTTCTGTCTTGTTCAGGAATTGAAGTCCATGGCAAC  
 TGAGGACTCTCAGACACAGTTGCTGCCACTGAAAACCTGACAGGTTAAACCTGGACAACCACAGGTAAA  
 ACTCAGGCATCTAATTTGAGAAAAAGAGAAAATGCAGCGTCTTCTAAACCGGTAGCAGCCAGGTGAGCAC  
 AGAATCAGCCTCGGAAGGATGAGCAGAAGAAGGCCTTCGTGGAAAGTTGGGTGAAAGGGCTGCTGAGCAG  
 GGGCGGTGCGTTTATGCCACCCTGTGTTTCAGCTCAGAGTAGAGCAGTAACTGACCTGCAGCCCTCCGTG  
 AAAGGAGCCAATAATTTTATGATGGCTTTAAAACGAAAAGTATAAACCGCAGGTCTAAAAGGATGTCCAGGA  
 AAGCTAAGCATGTGGAGGAGGCATCTCCAGGTAGCAGCCCTCCACTGTCGGGTAGCACGGCTGCTCTGCC  
 GCAGGCCGCTGGGAATGCCTCCTCAGCCCAGTTGAAGGAGCAGGAAGGCTCACGTTTCAGCTCCCCTCAGC  
 CACAGACCTCCCAGTGATGAAAGCGCCATGTCTCCAGCAGGCCGTGCAGAGGCAGCTGAAGATCAGGTTT  
 ATAAGCTTCGGCTCAGACTTCTTAAAAAGCTAAAGGCAAAAAAGAAGAACTAGCGGCCCTCATGTCTTC  
 CCCACGCCGTGAACCGTCTGTAAGCGACCATTCAGAGCCTGCGTCCCCTGTTGGGTCTCCGAATGACTGT  
 GACGCAGTAGAAGATCTGCTCAGAGAGCTACAGTACCAGATTGACCTTGCAGACAACAAGTCTGGGTGCA  
 CCTCTGCTCCCGACGGCACCTCATGCAACAGCCAGAGTATGAGGAGATTTTAGCAGAGCTGTTGTGCGCC  
 TACAGCCCTGTGAGGCCCTCAGAAAGTGGAGAGCCTGAGTTGAGGTACTTGGAAATGGGGGACAACAGC  
 ACCCCAACACCAGCACCTAGCGAATTCAGTGTGTTTCCAGAACACATGTCTGAACCAGGAGCATAATT  
 ACTGCAGCCCTGAGAAAAGCCAGTGTGAGTTGATCTGCATTGATCATGACAGTGCCTGTGTAAGAGC  
 CTGAACTTGGGAGTCCCATGAAGACTGACATTTTTGATGATTTTTTCTACTTCAGCATTGAATTCG  
 TTAACAAATGACACATTGGACATACCTCATTTTCGATGACTCTCTGTTTGAAGATTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001198555
- Insert Size:** 3210 bp
- OTI Disclaimer:** 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001198555.1](#), [NP\\_001185484.1](#)  
RefSeq Size: 3591 bp  
RefSeq ORF: 3210 bp  
Locus ID: 288447  
Cytogenetics: 12p11