

Product datasheet for **RN204194**

Usp5 (NM_001106619) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp5 (NM_001106619) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204194 representing NM_001106619
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGCTGAGTGAGGAGGCGCTGCTGTCACTGTTACCGACGATCCGTGTCCCAAGCGGGAGACC
 GGGTCCACAAAGACGAGTGTGCTTTCTCTTTCGACACCCCGAACTCTGAGGGTGGCCTTTATATCTGCAT
 GAACACATTCTGGGATTTGGGAAACAGTATGTGGAGAGACATTTCAACAAGACAGGCCAGCGTGTCTAC
 CTGCACCTTCGGAGGACCCGGCGACCGAAAGAAGAGGACTCCAGCGCAGGCACTGGAGACCCACCCCGGA
 AGAAGCCACCCGGCTGGCCATTGGTGTGAAGGTGGGTTTACCTCACCGAGGACAAGTTTGAATATGA
 TGAGGACGTGAAGATTGTCATTTTCCAGATTACCTGGAGATCGCTCGGGATGGGTTGGGGGGCTTCCC
 GACATTGTCAGAGATCGGGTACCAGTGCAGTGAAGCCCTACTTTCGGTGTTCAGCCTCTCGGAAGC
 AGGAGGTACAGGCTTGGGATGGGAAGTCCGTGAGTGTCTAAGCATGCCTTCAACCTCAAGCAGTTGGA
 CAACCCCGCTCGGATCCCTCCCTGTGGCTGGAGGTGCTCCAAGTGTGACATGAGAGAGAACCTGTGGCTC
 AACCTGACAGATGGCTCCATCCTGTGCGGCCGGCGCTACTTTGATGGCAGCGGGGCAACAACCATGCTG
 TGGAGCACTACAGGGAGACTGGCTACCCCTTAGCTGTTAAGCTGGGCACCATCACACCCGATGGAGCTGA
 TGTGACTCTTACGACGAGGATGACATGGTCTGGACCCTAGCCTGGCAGAGCACCTGTCTCACTTTGGC
 ATCGACATGCTGAAGATGCAGAAGACGGACAAAACAATGACTGAGCTGGAGATAGACATGAACCAGCGGA
 TTGGTGTGAGTGGGAGCTGATCCAGGAGTCAAGCGTGGCCACTCAAGCCTCTCTTCGGGCTGGGTACACAGG
 CATCCGGAACCTGGGTAAACAGCTGCTACCTCAACTCCGTGGTCCAGGTGCTTTCAGCATCCCTGACTTT
 CAGAGGAAGTATGTGGATAAATTGGAGAAGATCTTCCAGAATGCCCAACGGACCTACCCAAGACTTCA
 GCACCCAGGTGGCAAGCTGGGCACGGCCTTCTCTGGAGAATATTCTAAGCCAGCTGGGACAGTCAAG
 TGATGGGAGCAGGTACCAGAACAAGGAAGTTCAAGATGGCATTGCCCTCGGATGTTCAAGGCCCTT
 ATTGGCAAGGGCCACCCTGAGTTCTCCACTAACCGGCAGCAGGATGCTCAGGAATTTCTCTACATCTTA
 TCAACATGGTGGAGAGGAATTGCCGGAGTTCTGAAAATCCAAATGAAGTGTTCGGCTTCTTGGTGAAGA
 GAAGATCAAGTGCCTGGCCACAGAGAAGGTTAAGTACACTCAGCGAGTTGACTACATCATGCAGTTGCC
 GTGCCATGGATGCAGCCCTTAAACAAGAGGAGCTTCTAGAGTATGAAGAGAAGAAGCGGCAAGCAGAAG
 AGGAGAAAGTAGCACTGCCAGAGCTGGTTCGGGCCAGGTGCCCTCAGCTCCTGCCTGGAAGCCTATGG
 GGCCCCGAGCAGGTGGATGACTTCTGGAGTACAGCTCTACAGGCGAAGTCGGTTGCTGTCAAGACTACA
 CGGTTTGCCTCCTCCCTGACTACCTGGTCAATCCAGATCAAGAAGTTCACCTTTGGCTTAGACTGGGTGC
 CCAAGAAGCTGGATGTGTCCATTGAGATGCCAGAGGAGCTAGATATTTCCAGCTGAGGGGCACAGGGCT
 ACAGCCCCGGAGAGGAGGAGCTGCCTGACATTGCCCCACCCTGGTCACTCCGGATGAGCCAAAAGGTAGC
 CTTGGTTTCTATGGCAACGAAGACGAAGACTCCTTCTGCTCCCCTCACTTCTCTCTCCAACATCGCCCA
 TGCTGGACGAGTCCGTGTCATACAGTTGGTGGAGATGGGCTTCCTATGGACGCTGCCGAAAGCCGT
 GACTATACAGGGAACAGTGGTGTGAAGCAGCCATGAAGTGGTCAATGTACACATGGATGACCCAGAT
 TTTGCCAATCCCCTCATCCTGCCTGGTCCAGTGGGCTGGCTCCACAAGTGCAGCAGCCGATCCCCAC
 CAGAGGACTGTGTGGCCACCATTGTCTCCATGGGCTTCTCACGGGACCAGGCCCTGAAAGCTCTACGGC
 CACGAACAATAGCTTAGAGCGGGCTGTAGACTGGATCTTCAGTCACATTGATGACCTAGATGCAGAAGCT
 GCTATGGACATCTCAGAGGGACGCTCAGCTGCTGACTCCATCTCTGAGTCTGTACCAGTGGGACCTAAAG
 TCCGGATGGTCTGAAAGTATCAGCTCTTGCCTTATTAGTACATGGGCACGTCTACTATGTGTGG
 TCACTATGTCTGCCATATCAAGAAGGAAGGCAGATGGGTGATCTACAATGACCAGAAAGTGTGTGCCTCG
 GAAAAGCCACCCAAGGACCTGGGCTACATCTACTTCTACCAGAGAGTGGTCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106619
Insert Size: 2577 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).
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:	<ol style="list-style-type: none">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:	<u>NM_001106619.1</u> , <u>NP_001100089.1</u>
RefSeq Size:	3207 bp
RefSeq ORF:	2577 bp
Locus ID:	297593
Cytogenetics:	4q42