

Product datasheet for **RN214856**

Usp13 (NM_001107665) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp13 (NM_001107665) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214856 representing NM_001107665
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCGCCGGGCGCCCTGTTCAGCGTGCCGGTGGCGGCGGAAGATGGCTGCAGGGGACCTGGGTG
 AGCTGCTGGTGCCTCACATGCCACGATCCGCGTGCCTAGGTGAGGGACCGCGTCTACAAAAACGAGTG
 CGCCTTCTCTACGACTCTCCGAACTCTGAAGGTGGACTCTATGTATGCATGAATACATTTTTGGCTTTT
 GGAAGGGAACACGTTGAAAGACATTTTCGAAAACTGGACAGAGCGTGTACATGCACCTGAAGAGGCACA
 TGCGAGAGAAGGTAAGAGGAGCTTCTGGTGGAGCTTTACCCAAAAGGAGGAATCTAAACTATTTTTAGA
 TCTAGATATGGATGACGATTTAAATAGTGACGATTACGAATATGAAGACGAAGCCAACTGTATATTC
 CCAGACCACTATGAAATAGCCCTTCTAACATTGAGGAGTTACCAGCCCTGGTAAACAATTGCTTGCAGT
 CAGTGCTCAGCTCAAAGTCCCCGTATAGGAAGCAGGATCCAGACACGTGGGAAAACGAAGTCCAGTATC
 GAAGTACGCCAACACCTCGTCAACTGGACAACGGGGTCAAGATTCTCCGAGTGGCTGGAAGTGTGCC
 CGATGTGACCTGCGGGGAGAACCTCTGGTGAATCTGACTGACGGCTCTGTCTGTGTGGGAAGTGGTTTT
 TTGACAGCTCGGGGGCAATGGCCATGCCTGGAGCATTACAGAGACATGGGCTATCCTCTGGCCGTGAA
 GCTGGGCAACATCACGCCTGATGGAGCAGATGTTTATTCTTTCAAGAAGAGGGGCTGTTTCGGATCCT
 CATTTGGCCAAACACTTAGCACATTTTGGGATTGACATGCTCCACACACAAGGGACAGAGAATGGTTCC
 GGGACAATGACATCAAGCTGAGAGTCAGCGAGTGGGAAGTATCCAGGAGTCAGGAAGTAAAGTGAAGCC
 AATGATGCGCCAGGGTACACGGGCTGAAGAACCTGGCAACAGTTGCTACCTCAGTTCGTATGCAG
 GCCATCTTCAGCATCCCAGAGTTCAGAGAGCGTATGTAGGAAACCTCCCAAGGATATTTGACTACTCAC
 CATTAGATCCAACGCAGGACTTCAACACACAGATGACTAAGTTGGGACATGGCCTCCTCTGCGCCAGTA
 CTGAAGCCTCCAGTGAATCTGAGCTCATTGAACAGGTGATGAAGGAGGAGCACAAAGCCTCAGCAGAAT
 GGGATCTCTCCAGCAATGTTCAAGGCCTTTGTGACGAAGAGTCACCCAGAATTTCTCCAAATAGACAGC
 AGGATGCCAGGAGTTTTTCTTGCAATTTGGTTAATCTGGTAGAGAGGAATCGCATTGGCTCAGAAAACCC
 AAGTGTGTTTTCCGGTTTTTGGTGAAGAGCGAATTCAATGCTGTGACACCAGAAAGTCCGCTACACA
 GAGAGGGTGGACTACCTTATGCAGTTACCAGTGGCAATGGAGGCAGCAACCAACAAAGATGAGCTGATTG
 CCTATGAACTAATGCGGAGGGAAGCAGAAACCAACAGGAGACCCCTTCCAGAGCTGGTACGAGCCAAGT
 CCCATTAGTGCCTGTCTTCAGGCCTTTGCTGAACCAGACAATGTGGATGATTTCTGGAGCAGTGCCTCG
 CAGGCCAAGTCTGAGGGGTCAAACATCTCGCTTTGCCTCATTCCCTGAATACTGGTAGTGCAGATAA
 AGAAGTCACTTTTGGTCTTGACTGGGTCCCCGAAAATTTGATGTTTCTATTGATATGCCAGATCTACT
 AGATATACGCCATCTCAGAGCCAGGGGCTTGCAGCCAGGGGAAGAGGAGCTTCTGACATCAGCCCCCCC
 ATAGTCATTCTGATGACTCAAAGACCGCTTGATGAACCAGCTGATAGACCCCTCAGACATTGATGAGT
 CCTCGGTGATGCAACTGGCTGAGATGGGCTTCCCTTTGGAGGCCTGCAGGAAGGCTGTGTACTTCACGGG
 GAATACTGGAGCTGAGGTGGCCTTCAACTGGATTATCGTGACATGGAAGAGCCTGATTTTGTGAAACCA
 CTGGCCATACCTGGGTATGGAGGGGCTGGGGCCTCGCCTTTGGTGTACTGGACTGGACAACCAACCTC
 CTGAGGAAATCGTAGCTATTACTGCCATGGGATCCAGCGCAGTCAAGCGGTACAGGCTCTACAAGC
 CACGAACCATAACCTGGAAAGAGCACTGGACTGGATCTTCAGCCACCCTGAGTTTGAAGAGGACAGTGC
 TTTGTATCGAGATGGAGAACAATGCGAATGCAAACATCATGTCTGAGGCCAAGCCAGAGGGGCCAGAG
 TCAAGGATGGGTCTGGAATGTATGAGTTGTTTGCCTTCATCAGTACATGGGAACATCTACGATGAGTGG
 CCATTATGTTTGCATATCAAGAAGGAGGGACGATGGGTGATCTACAATGACCACAAAGTTTGTGCCTCA
 GAAAGGCCCCCAAGACCTGGGATATATGACTTTTACCGCAGGATACCAAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107665
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_001107665.1</u> , <u>NP_001101135.1</u>
RefSeq Size:	5043 bp
RefSeq ORF:	2577 bp
Locus ID:	310306
Cytogenetics:	2q24