

Product datasheet for **RN211408**

Usp11 (NM_001008861) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp11 (NM_001008861) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp11
Synonyms:	Uhx1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN211408 representing NM_001008861

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGTGCGACGGACCCAGCTGCAGCTGCCGTCCGGCCTCTGCTGAGGACAGAGACACAGC
 CCGAGGCAATGCCAGACCTGGATCAACAGTGGCGCCAAATCGGGAATGGGCGAGAGCGTCCACTGCGAGC
 TGGCGAAAGCTGGTTCCTTGTGGAGAAACTGGTATAAACAGTGGGAGGCGTATGTGAAGGAGGGGAT
 CAAGATGCTAGCACCTTTCTGGCAGTATCAACAATTCGGGGCTCTTTGAAGATCAGATAAGCTGGCACC
 TCAGGGAGAGACTGGTAGAAGGAGATGATTATGTGCTGCTCCCAGCGCCTGCTTGGAACTACCTGGTCAG
 CTGGTATGGCTTAAAGGATGACCAGCCACCTATTGAGCGCAAGGTCATAGAACTTCTGGCATTGAAAAG
 GTGGAAGTGTACCAATAGAGCTGCTGCTGTTCCAGCACAGTATGAAACAGCTCTCACCATTGAGT
 TTAGCTATTCTGATTCTGTGACCTAGTCTTGCAAACAGCCCGGAGCAGTTTCTGGTAGAGCCTCAGGA
 AGACACGCGCCTCTGGACCAAGAACTCAGAGGGCTCTTTGGATCGATTATGTAACACGCAGATCACACTG
 CTTGATGCCTGCCTTGAGACTGGGAGTGGTTCATCATGGAGACCCGAAACAAAGATGGCACTTGGCCCA
 GCGCTCAGCTGTGTGGCATGAACAACATGCCGGACGAGGATGAGGACTTCCAGGGCCAACAGGCATCTG
 TGGCCTTACCAATCTGGCAACACGTGCTTCATGAACTCGGCCCTACAGTGCCTCAGCAATGTGCCACAG
 CTTACGGAGTACTTTCTCAACAACCGCTACCTGGAGGAGCTCAACTTCCGGAACCCTCTGGGCATGAAGG
 GTGAGCTTGTGAGGCCTATGCAGATCTGGTAAAGCAGACTTGGTCTGGTACCACCGCTCCATTGTGCC
 GAATGTTTTCAAGAACAAGGTTGGCCATTTCCGATCCCAGTTTCTGGGCTACCAGCAGCATGACTCACAG
 GAACTACTGTCTTCTCTGGATGGACTACATGAGGACCTCAATCGAGTCAAAAAGAAAGAATATGTTG
 AGCTATGCAATGGTGTGGCGGCCCTGATCTGGAAGTGGCTCAGGAAGCCTGGCAGAACCACAAACGAGC
 AAATGATTCTGTGATTGTGGACACTTCCATGGCCTCTTCAAGTCTACACTGGTGTGCCCTGATTGTGGC
 AATGTTTTCTGTGACCTTTGACCCCTTCTGCTACCTCAGTGTCCCACTGCCTGTCTGCTCCAGGAGGCT
 TGGAGGTCTTCTTTGTCCCATGGATCCCGCCGCAAGCCAGAACAGCACCAGGTTGTAGTCCCTAAGAA
 GGGCAATATCTCAGATCTGTGTGGCTCTGTCCACACATACAAGTGTGCACCAGATAAGATGATAGTA
 GCTGATGTCTTCACTCAGTCACCGATTCTATAAGCTCTACCAGCTGGAGGATCCTCTGAGTGGCATCTGGATC
 GTGATGATATCTTTGATATGAGGTGACTGGACGGATTGAGCCTGTTGAGGGTTCAAGAGATGATATTGT
 GGTTCCTGTTTACCTGCGGGAGCGACCCCGTCCAGAGACTACAACAACCTCTACTACGGTCTGATACTT
 TTTGGCACCCCTCTCTGTTGTCAGTGCCTGGGACCGGTTCTCTGGGAGGGCCTATATAACATCTTGA
 TGTACCGCTTTACGATATGTGACCAACCCACCTCAGATGACGATGATGGGGATGAGAAAGGTGATGA
 GAATGAGGATGAGGATGTGGAAGATGACAGCAGCAGTGAAGAAGAAAAGGAGGAAATGTCTGGACCTACC
 GATAATGATGGTACCAAGAATCAGAGCAGGAGCAGGCTGGGACCAGCTCTGGGGTACCAGGAGATGCC
 CATCCCTCTTAGACAACAGCCTCCACACATCGCAGTGGCCCCAAGGCGACGACGAAAGCAATTGTTTAC
 TCTGCAGACAGTGAACCTCAATGGAACCAAGTACCGGACCACTCCCTGAAGAAGCCAAACTCAGCCG
 TACATTGCCATGGATTGGGAACCAAGATGAAGAGGCGCTATTATGATGAAGTAGAGGCTGAGGGCTATG
 TGAAGCATGACTGCGTGGGATACATGCTGAAGAAGAATCCAGTGCAGCTGAAGGAGTGCATCAAACCTCT
 CACCCTGTGAAACCCCTTGAGAAGGAGAACCCTTGGTATTGCTCCTCTGCAAGCAGCACCAGCTAGCC
 ACTAAGAAACTGGACCTCTGGATGCTACCTGAAGTTCTCATTATCCATCTGAAGCGTTTTTCATTTTCCA
 AATTTTCCGGGAGAAGCTGGACACCCTGGTGCAGTTTCTATCCGGGATCTGGATTTCTCTGAGTTTGT
 CATCAAACCAAAGAATGAGTCTGCTCCAGACCTGTACAAATATGATCTCATCGCAGTTTCCAACCATTAT
 GGTGGCATGCGTGTGACTATACAACATTTGCCTGCAACAAGGACAGTGGCCAGTGGCACTACTTTG
 ATGACAACAGTGTCTCACCTGTGAATGAGAATCAGATTGAGTCCAAGGCAGCCTATGTCTTGTCTATCA
 ACGCCAAGATGTGGTGCAGCCAGTCCAGACTGCTTCATCTGAGACCCCACTCTCTGCTTCGAGT
 TCTACACCAACTCTGACATCATGGATGTCAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_001008861
Insert Size:	2766 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_001008861.2</u> , <u>NP_001008861.2</u>
RefSeq Size:	3423 bp
RefSeq ORF:	2766 bp
Locus ID:	408217
UniProt ID:	<u>Q5D006</u>
Cytogenetics:	Xq11
Gene Summary:	deubiquitinating enzyme; cleaves ubiquitin from ubiquitin-conjugated protein substrates; important for processes such as cell cycle progression and transcriptional activation [RGD, Feb 2006]