

Product datasheet for **RN212087**

Usp15 (NM_145184) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp15 (NM_145184) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp15
Synonyms:	Ubp109
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212087 representing NM_145184
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAAGCGGAGCGCGGACCTGGACACCCAGCGTTCTGACATCGCGACGCTGCTCAAACCTCGC
 TCCGAAAAGGGGACACCTGGTATCTAGTAGATAGTCGGTGGTTCAAACAGTGGAATAAATATGTTGGCTT
 TGACAGTTGGGACAAATACCAGATGGGAGATCAAATGTCTATCCTGGACCCATCGATAACTCTGGACTT
 CTCAAAGATGGCGATGCTCAGTCACTTAAGGAACACCTTATCGACGAGTTGGATTACATACTGTTGCCGA
 CTGAGGGCTGGAATAAATTGTCAGCTGGTACACACTGATGGAAGGCCAAGAGCCAATAGCAAGAAAGGT
 GGTAGAACAGGGCATGTTGTAAAGCACTGCAAAGTGGAAGTCTACCTCACAGAAGTGAAGCTCTGCGAG
 AATGGGAACATGAACAATGTTGTAAGTCTCGGAGATTTAGCAAAGCTGACACAATAGACACAATTGAAAAGG
 AAATAAGAAAGATCTTCAATATCCAGATGAAAAGGAGGCCAGACTGTGGAACAAGTATATGAGTAACAC
 ATTTGAGCCACTGAATAAGCCAGACAGCACCATCCAGGATGCCGGCTATACCAAGGACAGGTGTTAGTG
 ATAGAACAAAAAATGAAGACGGAACGTGGCCAGGGTCCCTCTGCTCCTAATGTGAAAACTCCAATT
 ATGTCTCCCGTCATATACTGCTTACAAGAACTATGATTATTCGGAACCTGGAAGAAACAATGAACAGCC
 AGGCTGTGTGGCCTAAGTAACTTGGGAAACACATGTTTCATGAACTCAGCCATTCAGTGTTTGAGCAAC
 ACACCTCCACTTACTGAATATTTCTCAATGATAAGTACCAAGAAGAGCTGAATTTGACAATCCCTTAG
 GAATGAGAGGTGAAATAGCTAAATCATATGCTGAACTCATCAAGCAGATGTGGTCTGGAAAGTTAGCTA
 TGCTACTCCAAGAGCATTTAAGACACAAGTAGGACGTTTTGCACCTCAGTCTCTGGATATCAACAGCAA
 GACTGCCAAGAAGTACTAGCTTTCTATTAGTAGGATTACATGAGGATTTGAATAGAATTAGGAAAAACA
 CATATATCCAGTTAAAAGATGCTGATGGGAGGCCAGACAAGGTGGTTGCTGAAGAAGCTGGGAAAAACA
 TTTAAAAAGAAATGATTCTATCATAGTAGATATATTTTCATGGCCTTTTCAAGTCTACGTTAGTGTCTCT
 GAGTGTGCTAAGATCTCAGTGACCTTCGACCTTTCTGTTACTTGACACTTCCATTGCCTATGAAAAAGG
 AACGTAGCTTAGAAGTTATTTAGTTAGAATGGATCCACTTGCTAAACCTATGCAATACAAAGTCATTGT
 GCCAAAATTGGAATATACTAGACCTTTGTACAGCACTGTCTGCTTTGTCGGGAGTACCTGCAGATAAG
 ATGATAGTCACTGACATATAATCATAGATTTACAGGATATTTGCAATGGATGAGAACCTGAGTAGTA
 TTATGGAGCGGGATGATATTTATGTGTTGAAATTAACATCAACAGGACAGAAGACAGAACATGTGGT
 TATTCCTGTTTGCCTAAGAGAAAAGTTCAGACACTCAAGTTACACTCACCACTGGCTCTTCACTGTTT
 GGCCAGCCTTTTCTATGGCCGTGCCACGGAACAATACTGAAGATAAACTCTACAATCTCCTGCTCTTGA
 GAATGTGCCGGTATGTCAAGATGTCTACTGAAACTGAGGAAACTGATGGACCCCTGCGTTGCTGTGAGGA
 CCAGAATATTAATGGGAATGGTCCAATGGCATACATGAAGAAGGCTCACCAAGTGAGATGGAGACAGAT
 GAACCAGATGATGAGTCCAGCCAGGATCAAGAGCTTCCCTCAGAAAAATGAGAACAGTCACTGTAAGATT
 CAGTCCGAGGAGATAACGATTCTGAAAAATGGATTGTGACTGAAGAAACATGCAAAGGTCGACTGACGGG
 ACACAAAAGCGATTGTTTACATTCCAGTTCAACAACCTTAGGCAACACTGATATCAACTATATCAAAGAC
 GACACCAGGCATATAAGATTTGATGATAGGCAGCTTCGGCTAGATGAAAGATCTTTCTCGCCTTGGACT
 GGGACCTGACTTGAAGAAGAGATATTTGATGAGAATGCTGCAGAGGATTTTAAAAACATGAAAGCGT
 GGAATATAAACCTCCAAAAAGACCCTTTGTGAAGTTAAAAGACTGCATTGAACTTTTCAACAACAAAAGAG
 AAGCTAGGTGCTGAAGACCCCTGGTATTGTCCAATTGTAAGAGCATCAGCAAGCCACCAAGAAATTAG
 ATCTGTGGTCCCTGCCTCCCGTCTTGTGGTGCATCTCAAGAGATTCTCCTATAGTCGCTACATGAGAGA
 CAAGCTAGATACATTAGTCGATTTTCCCATCAGTACTTGGATATGTCGGAATTCCTAATTAACCCAAAT
 GCAGGCCCTTGGCGCTATAATTTGATTGCTGTTTCCAATCACTATGGAGGGATGGGAGGAGGACATTATA
 CTGCTTTTCAAAGAACAAGATGATGGAAGTGGTACTATTTTGTGACAGTAGCGTCTCCAGTGCATC
 TGAAGACCAAATGTGTCAAAGCAGCATACTGCTCTTCTACCAGAGACAGGACACTTTCAGTGGAACT
 GGCTTCTTCCCTCTGACCGAGAACTAAAGGTGCTTCAGCTGCCACAGGTGTCCCCTGGAAGTGACG
 AAGACAGCAATGATAATGACAATGATCTAGAAAAATGAAAAGTGTATGCACACTAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_145184
Insert Size:	2859 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:	NM_145184.1 , NP_660185.1
RefSeq Size:	3247 bp
RefSeq ORF:	2859 bp
Locus ID:	171329
UniProt ID:	Q9R085
Cytogenetics:	7q22
Gene Summary:	enzyme that has a role in generation of free ubiquitin from its precursors [RGD, Feb 2006]