

Product datasheet for **RN215263**

Usp29 (NM_001108465) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp29 (NM_001108465) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN215263 representing NM_001108465

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCACCTAAAGATACATGGTTTGGTCCAGATCCGCAGCACAAACAGGAGCAAGCACACCAGGGCAT
 CTCAGTGGAAAGAAGCAGTCATCGAAATAGTAGAAAGAAAACAGAAAGTTAATCTGGTGGTTCTTTTAA
 GTTGGAGGAGAGGAGAAGGGTTTTTCAGCTGGGTGATAACGTTACAGGTGTAGTGTTAGTGCGAGCTG
 GGACTGTATCATCTGGATTTAACTTTGAGAGATGACACGTCCTTACTCATTGACAAGTTATCCTCCGCAG
 ATGTTGAGCATTGAAGTCATTCTGGATTCTGCTCACTCCATGTGAATCCCAGCAACCCATGGAGTCCAT
 GAGTAATCAGGATACTCTTGAAATCAGCGACCCATTTTTTCAGGGAGAACCAAGACGTAGTCTGTGTTTCC
 CTGAATACTGCCCTAGAGAGTGGGACACTGCTCTCCGGAAGATGCCACTCTGTATGTCAAACACCACGG
 GCAGTCATACTGAAAAAAGAGAGGAGAAAAACAAGGCAGAAAAAGGAAGACAGAACCATCACCATCCAC
 TGTAGAAGTGACCACCAAGGATATTCTCAAAGAAAATAATCCTGAACAAAAAAGAAATCCAGGCGGTAT
 TACTCCAGGAATAGAGGAGGCAAAGCCGAGAAAGCTGTGGCTTTAAGGGAACAAGAAAAGCGCAACAATT
 GGAAGCTTGAACCTGCTTTCAGTTCCAAAGTCTATGGAAGTCTACCCTAGACGGCACTGTTCTCCCAAT
 CGCGACGTGCTCTGATGACAGAGATTTATCGATATTTGGCCTGGAGATCATAACACATAACGGAATCCAG
 CCTCTCCAGACAATTACCTGAAGCAGCTAAAGCGTGAAGGCTTCCCAATTTGGGAAATACTTGCTACA
 TGAATTCATCTTACAATCTGTCTTTGGAATCCAACCTTTGCAAGGACTTACTCACTCAAGGTATCCC
 ATGGGAGAAAGTTTCTACGATGACCTTATCATGCCCTTAAGCCAGCTTCTTGCTTGAAGACATTGCA
 GATATAGAGATCAAGGGCGAGTTACTCACCAGTGTGAAGAAGTCCATCTCCACAGTTGCAGACACATTCT
 CGGGCAACGAACAGAATGATGCCATGAGTTTTTAAGTCTGTGTTAGACCAGCTGAACTGAACATGGA
 AAAAGTAAATGCCATGTGGGACACTGAGAGGAAAAATGAACCAACGTGTGCTGGAGCCAAAAGGTTTGTT
 TGTCCCGTTGGTGCTAATTTTGAAATTTGAGCTGCATAGCTCCATCATCTGTGAAGCTGTGGGGAGGCTA
 CTCTCAAGACCGAAGTGAGCAATTACCTCTCCATCGACCTGCACCACGGGACAAAAACACACCCTCTCTC
 AATTCAAAGTCTTTTGATCTGTTCTTACACCAGAAAAAATTGAGCATAACTGCGAGAAATGCAAGAAC
 AAGAATTCTGTTCTCAAGTACACATTGAGGAGACTCCCAGGGTCTCATTGTTTCATCTGAACGCTACC
 AAGTTACCACTGACTTGTGCCAGTGAAGAGTGAGCAGCCAGTTGAGATTTCTCAGTATTTGAATATATC
 TTCCCATTTGCCATGAAAACAGGAAGTTACCATTTCCCTTGATCAATACACCCCTAAGGGAGACTATGAT
 ATCCCAATGTCTCTCCAGGGCTGATGCCTGAGATCTTTAGCCAGTCAATGTCGTCTAAGAAGGTGATTT
 CTGAATCCAGTGACCCCTGGTTCTACAGGTTGGATCCAGCGTGGATGCCGAAATACAAAGCTTCCAGAT
 AATGTATGAGGATGAAAGTGAAGAAGAGCAGCAGAGAGGCTGGAAGTGTTCTATGCTGGACCCAGAA
 CTATTGAAGACAGAAAAACAGGATTTACAGACAGAGATATCTCCAGCACCTGACTCAATGATGGGTGACG
 GATACAGCTTCTTCTATGCTCTGTGAGCCTATGAGCATCCAAGACCCAGGTCTTGAGAGATGGGTCT
 TCAAGAGGTTCCAGAGAATCCAGAATTTAAGTACTATGGAAAGCCAGATGGCCGTAACAGTGAGCTG
 TCAAACTCCACCAGAATCATGGGGTCAATCAAGGGTTCGATCTACCGGCATCATTTGCAAATATGA
 GAAGTTCTCTGGAAGACCCAGAGAAGGACCTGAGCAGGTCTTCAAGATTTGAGGAAGATGATCCGCATTC
 CTTTGCAATTGGGTTCTGATGAATCAAAGGATGAGGAGATGGGAGACAATCTTCAATTAACAGGCTCGTC
 AGTGTTGTCAGCCATTTTGGGAGCTCCCAAAATTCAGGCCATTACGTAAGTGATGTGTATGACTTCCAAA
 GGCAAGCCTGGCTCCTTTACAGTGATGTCCAAGTGTTCGAGAATCCAGATCCCTCCAGTCAGGAGAAATAG
 GCTTCACTGGATACATTTTCTTTACATGCATAATGAGATTTTGGGAACTGTTGAAAAAGCATCG
 GAGTGCAAGGTCCTTAGCACATCTAAAGAAGAAAAGAGGGACATAGATTATTTCTCAACACTGCTTAATG
 GCCTTACATATATCTAGAAGAGTT**CAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001108465

Insert Size:

2619 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:	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_001108465.1, NP_001101935.1</u>
RefSeq Size:	6577 bp
RefSeq ORF:	2619 bp
Locus ID:	361495
Cytogenetics:	1q12