

Product datasheet for **RN208915**

Usp14 (NM_001008301) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp14 (NM_001008301) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp14
Synonyms:	MGC95160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208915 representing NM_001008301
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCACTCTACTCTGTTACAGTAAAATGGGAAAGGAGAAAATTTGAAGGTGTAGAATTGAATACTGATG
 AACCTCCAATGGTGTCAAGGCCAGCTTTTTGCATTGACTGGAGTCCAGCCAGCCAGACAAAAAGTTAT
 GGTGAAAGGAGGAACCTGAAGGATGATGACTGGGAAACATCAAAATGAAAAATGGAATGACTGTACTA
 ATGATGGGGTCAGCAGATGCTCTCCAGAAGAACCCTCTGCTAAAAGTCTTCGTAGAAGACATGACAG
 AAGAACAGTTAGCAACTGCTATGGAGTTGCCGTGGATTGACAAACCTCGGTAACACTTGTACATGAA
 CGCTACAGTTCAGTGTATTCGCTCTGTGCCTGAACTCAAAGACGCCCTTAAAAGGTATGCAGGTGCCTT
 AGAGCTTCAGGGGAAATGGCTTCAGCACAGTATATTACTGCAGCTCTTAGAGATTTGTTTGATTCCATGG
 ATAAAAGTCTTCTAGTATCCCACCTATTATTCTGCTGCAGTTTCTGCACATGGCTTTTCCACAGTTTGC
 AGAGAAGGGCGAACAAGGGCAGTATCTTACGAGGATGCTAACGAGTGGTGGATACAAATGATGAGAGTC
 CTGCAACAGAAACTAGAAGCCATAGAGGATGATTCTGCTAGAGAGACCGAGTCTTCATCTGCATCAGCAG
 TCACACCTTCTAAAAAGAAAAGCTTAATTGATCAGTTTTTTGGTGTGAGTTTGAAGTACCATGAAATG
 TACAGAATCTGAAGAAGAAGAGGTACCAAAGGAAAGGAAAATCAACTTCAACTTAGTTGTTTCATTAAC
 CAGGAAGTGAAGTATCTTTTACAGGGCTTAAATTGCGACTTCAGGAAGAAATTAATAACAGTCTCCAA
 CATTGCAGAGAAATGCTTTGTACATCAAATCTTCTAAGATCAGCCGGCTACCTGCTTACTTAACATTTCA
 GATGGTTTCGATTTTTTATAAGAGAAAGAATCTGTGAACGCCAAAGTCTTAAGGATGTTAAATTTCT
 CTCATGTTGGATGTGTATGAACTCTGTACACCGAACTTCAAGAGAAAATGATCTCTTTTCGGTCAAAAT
 TCAAGGATCTAGAAGATAAAAAAGTGAATCAGCAACCAATGCAAACGACAAGAATAGTCCTCCAAAAGA
 GATTAAGTATGAACCCTTTTCATTTGCTGATGATATTGGCTCCAATAATTGTGGCTACTATGACTTACAA
 GCAGTGTAACTCACCAGGGAAGATCTAGTTCTTCGGGTCAATTATGTATCATGGGTGAAAAGAAAAGAAG
 ATGAATGGATCAAATTTGATGACGATAAGGTGAGCATTGTAACACCAGAAGATATTCTGCGACTGTCTGG
 AGGTGGAGACTGGCACATTGCTTATGTTCTACTTTATGGGCTCGAAGGGTTGAAATAATGGAAGAAGAC
 AGTGAACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2020_c11.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001008301

Insert Size: 1482 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [NM_001008301.1](#), [NP_001008302.1](#)

RefSeq Size: 2153 bp

RefSeq ORF: 1482 bp

Locus ID: 291796

Cytogenetics: 18p13