

Product datasheet for **RN206610**

Usp44 (NM_001108083) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp44 (NM_001108083) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp44
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206610 representing NM_001108083
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATAGGTGCAAGCACATTGAGCAGCTGCAGCTTGCTCAAGGACATTCATCCTCAACCCCTCAGAAAT
 GGTCTGCATGGTCTGCAATACAACGGAGTCCATTTGGGCTTGCCCTCAGCTGTTCCACGTCGCCTGTGG
 GCAGTATATCCAAGAGCACGCACTGAAGCACTTTGAAGAAAGCAGCCATCCCGTGGCCTTTGAGGTGAAT
 GACATGTATGTTTTTTGTATCTTTGTAACGATTATGTCCTAAACGATAACACAGCCGGAGATCTGAAGT
 CACTACGAAGTACACTAAGTGAATCAAAGGTAAGTTACCCTTGTGTGGTTCAGAGTGACTCGGTCTT
 ACAGCCTGTGAATGCGCAGGCCGATTCTACTCCCTACACGACAGCACCCAGTCTCTGCCTGGAAGTGAA
 GATCCGATGTGCACTGCCCTCTGGCACAGGAGACGTGCGCTCATGGGAAAAACCTTCGAACTTGGTTTG
 AACAGTACCCGATTGGAAGGAAAAGGCAAGAGCAAACCTCAGGAGAAAACGGTAGCCAAGAGAGAGGTGAA
 GAGAAGGCAGCAGGAGTTAGAACAGCAGATGAAAGCTGAGCTGGAATGCACTCCTCCGCGAAAGAGTTTA
 CGCTTACAAGGCCTCTCCGAGGCCGCCACGGTCGAAATCCTTCCGGTGCAGGCACCGCCGACCTCCAG
 CGTCCCCAGCGAAGGAGAAAAGCCTTAGCGCTACCTCCCTCGGAAGACGGGAAACTTAAAAGAGTAAGTGA
 CTCCTTAATCAAACGAAGGCCCGCGTAACCTCTGGTGTAAACCGACTGAGAAATTTAGGAAATACTTGC
 TATATGAATTCGTTCTTCAAGTGTGAGTCATTTACTCATTTTTTCGACAATGTTTTTAAAGCTTGACC
 TGAACCAATGGCTGGCTGGCTGCCAGCGATAAAGCCCGATCCTATAAGCACTCAGCCGTCACGGATGC
 CGCGACAGCGCGGCACATCAGCTGAACGAAGGGCAAGAGAAGGAGAAAGGCTTCGCGTGTCCAGACAC
 CCGGGTTTATCTTCAGGCCTAAGCGGAGGAGCCTCAAAGGTGGAACATGGAGCTCATTACGCCAAGGG
 AGCCCAGTCCCGTACAGTTCTCTGCCATGAATTGCACACCCTGTTCCAAGTCATGTGGTCCGGGAGA
 GTGGGCCCTGGTCTCGCGTTTGCCATGCTTCACTCAGTGTGGAAGCTGATCCCTGCTTCCGTGGTTAC
 GCCCAGCAAGATGCGCAGGAATTTCTTTGTGAACCTCTGGATAAGATACAGCGAGAACTAGAGACAACCG
 GAACCAAATTACCAGCTCTCATCCACCTCCCAAAGGAGGCTCATTGAGCAAGTTCTGAACGTCGTAA
 TAACATTTTTACGGACAACACTTAGTCAGGTATGGATTTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108083

Insert Size: 1446 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: NM_001108083.1, NP_001101553.1
RefSeq Size: 2664 bp
RefSeq ORF: 1446 bp
Locus ID: 314746
Cytogenetics: 7q13