

Product datasheet for **RN206547**

Usp45 (NM_001107918) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp45 (NM_001107918) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp45
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206547 representing NM_001107918
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGGGTAAAAGATCCATCCAAAGATCTACCTGAGAAAGCAAAGAAGTAAAAGACCACTGCTACCTC
 ACGATGAAGATTCTCAGATGACATTGCTGTAGGTTTAAACATGCCAGCACATCAGTTATGCTGTCAGTGT
 GAACCATGTGAAGAAGGCAGTAGCTGAGACTCTCTGGTCAGTTTGTTCAGAGTGTGGAAAGAGAGAAGA
 CTCTGTGATGGACAGCCGGTACTTCTCCGATGTTTGGTTGTGCCTCAAGTGCGGTTTTTCAGGGATGCG
 GTAAGAACTCAGAAAGCCAGCATTCACTGAGACACTTCAAGAGCTCTGGGCGGAGTCCCATTGTGTTGT
 CATTAGCCTGAGCACATGGGTATATGGTGTATGAATGTAATGAAAAATATCGACACATTGCAACAAG
 AAAGTTTTGGCTCAGATAGTTGATTTTTCTCAGAAACATGTTTTTAAAACACAAACAGATGCATTTTCTA
 GAATCATAAAACTTTGTGAAGAAAACGTGAAGCAGGGGAAATAAAGAAGGGGAAGAAAGGCTGTGCTGT
 GCCATCTGTCAAAGGAATTACAACTTAGGAAATACTTGTCTTTTAAATGCCGTCATCCAGAACTGGCT
 CAGACTTACATCTTTTTGAACTGATGAACGAGATAAAAGAAGATGGCACCAAATCAAGATTTCTCTTT
 CGTCAGCTCCACAGCTGGAGCCGTTAGTGGTGGAACTTTCAAGCCCTGGACCATTGACTTCAGCCTGT
 CCTGTTTCTTACAGCATGAAGGAAGCTGAAAAAGGACCCTTTCTCTAAAGTTCTTTTCAATCAGCTC
 TGTGAGAAGGCTCCTCGATTTAAAGGTTTCCAGCAACAGGACAGCCAGGAGCTTCTGCACCATTTGTTGG
 ATGCAGTGAGGACAGAGGAGACAAAGAGGATACAAGCTAGCATTCTAAAAGCGTTCAACAATCCAACCTAC
 CAAGACTGCTGATGAGGAACTAGAAAAAAGTCAAAGCCTATGGAAAGGAAGGCGTGAAGATGAACTTC
 ATAGATCGGATCTTATTGGCGAATTAAGTACAGCACAGTCATGTGTGAAGAATGTGCTAACATCTCTACCA
 TGAAGGATCCCTTCATAGATATTTCACTTCTATCATAGAAGAAAGGGTTTCAAACTGTACTTTTGGG
 GAAAATGAGTAAATGCAGAAGTTTACAGGAAACAGACCAAGATCATAACAAGGGCACCGTTACAGTAGAA
 AATACCCATCCACCAAGAGCTGCCAAGAAGCATTCTCACCTAAAGATAAGGCAAAAAGGAAGGCAGGAG
 GAGTTTATACTAATGCCAGGAAGCAACTACTCATCTGCTGTTCCAGCTATCCTAATCCTTCATCTTAA
 AAGGTTCCACCAGGCTGGCTTGTGCTTCTCGTAAAGTAAACAGACATGTAGACTTCCCGCTTACCCTTGAC
 TTAGCACCGTTCTGTGCTGCTACCTGTAAGAATAAAGTGTGGGGGAGAAGGTTCTCTATGGTCTCTACG
 GTATAGTGGAGCACAGCGGCTCAATGAGAGGAGGCCACTACACTGCTTACGTGAAGGTGCGAGTGCCCTC
 CAGGAAGCTGTCCGAGTGCATCACCAGGAGGAAGACTGCACCAGGTTTGAAGAAGCTGATAGTGAATTG
 GGAGGCCACTGGGTCCATGTCAGCGACACTTATGTGCAAGTGGTCCAGAATCAAGAGCACTGAGTGCC
 AAGCTTATCTCTTTTTTATGAAAGAATATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107918
- Insert Size:** 1785 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_001107918.1](#), [NP_001101388.1](#)

RefSeq Size: 3166 bp

RefSeq ORF: 1785 bp

Locus ID: 313098

Cytogenetics: 5q21