

Product datasheet for **RN207317**

Usp25 (NM_001107114) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Usp25 (NM_001107114) Rat Untagged Clone
Tag: Tag Free
Symbol: Usp25
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207317 representing NM_001107114
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCGTGGAGCAGAATGTGCTGCAGCAGAGCGCGGCCGAGAAGCACCAGCAGACATTTCTGAATCAGC
 TGAGAGAAATAACTGGGATCAATGACGCCAGATACTGCAGCAAGCCCTGAAGGATAGTAATGGAACTT
 GGAATTAGCAGTGGCCTTCCTCACTGCAAAGAATGCCAAGACCCCGCAGGAGGAGACGGCCTATTAC
 CAGACAGCAGCACTCCGGGCAGCGACAGGTACATCAGCGTGGGAGGCCAGGCAGATGCGAATGTGATTG
 ATCTCACTGGAGACGACAAAGATGATCTTCAGAGAGCGATTGCTTTGAGTTTGGCGGAATCAAACAGGAC
 GTTCAGGGAAACTGGCATAACCGATGAGGAACAAGCCATCAGCAGAGTTCTTGAAGCCAGCATAGCAGAA
 AATAAAGCATGTTTGAAGAGAACACCTATAGAAGTTTGGAGGGATTCTCGAAACCCTTATGACCGGAAAA
 GACAAGATAAAGGCTCCGTTGGGCTGAAGAACGTTGGCAACACCTGCTGGTTTAGCGCAGTTATTGAGTC
 ATTATTCAATCTTTTGAATTTAGAAGATTAGTTCTGAATTACAAGCCTCCATCAAATGCTCAAGATTTA
 CCCCAGAAACAAAAGGAACATCGGAATTTGCCTTTTATGCGGGAATTGAGGTATCTGTTTGCACCTCTTG
 TTGGTACGAAGAGGAAATATGTTGATCCATCCAGAGCAGTTGAGATTCTAAAGGATGCCTTCAAATCAA
 TGACTCACAGCAGCAAGATGTGAGTGAGTTACACACAAGTTATTGGATTGGCTGGAAGATGCCTTCCAA
 ATGAAAGCTGAAGAGGAAACGGATGAAGAGAAGCCAAAGAACCCTATGGTAGAGTTGTTCTACGGAAGAT
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 CACTCGGATAATTCAGGAAAATCGGGCCAAAGAGCATTGGTTCACTGAATTGCCACCTGTATTAACATTTG
 AACTGTCAAGATTTGAATTTAATCAGGCATTGGGAAGACCAGAAAAAATCACAATAAAGTAAAGATTTCC
 CCAAGTTTATACCTGGACAGGTATATGCACAGAAACAGAGAAAATAACAAGAATTAACGTTGAAGAGATC
 AAGAGACTTAAAGATTACCTCACAGTATTACAACAAAGATTAGAGAGATATTTAAGCTATGGCTCCGGTC
 CAAAAGATTCCCACTGGTCTGATGTTCTACAGTATGCGTTGGAGTTGCGCTCCAGTAAGCCTGTCTGCAC
 CTCTCCTGTGGATGATATCGATGCTACTTCTCAACCAGTGGCTCCACATCATCACAGTCTTACCAAGC
 ACAACAGAACAGCAGGGAACCCCTGCTTCAAGCCTGCCAGCTCGTCACCTGCATCAGGTGCTGCCCTGT
 CACTGAGGTCAAGTATACACAAACCCTCACTCAGTCGCGGATCCCTCCAGACTTGCCTATGCATCCGGC
 ACCAAGGCACATCACAGAGGAAGAAGTGTCTGTGCTGGAGAGCTGTTTACATCGCTGGAGGACGGAATA



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GAAAATGACACACGAGACCTGCAGGAAAGCATATCTAGAATCCATCGAACAATCGAACTGATGTACTCGG
ACAAATCCATGATCCAGGTCCCTTACCGCCTCCATGCTGTCTTAGTTCATGAGGGCCAGGCTAATGCCGG
CCACTACTGGGCGTACATCTTTGACCATCGTGAGAGCAGGTGGATGAAGTACAATGATATTGCTGTGACC
AAGTCATCATGGGAAGAACTAGTGAGGGACTCTTTTGGTGTTATAGAAATGCCAGTGCATACTGCTTAA
TGTACATAAATGACAAGGCACAGTCTTAATAACAAGAGGAGTTCAATAAAGAGACTGGGCAGGCCCTTGT
TGGAATGGAAACATTACCTCCAGACTTGAGGGATTTTGTGGAGGAAGACAACCAGCGCTTCGAGAAGGAG
CTGGAAGACTGGGACACACAGCTCGCCCAACGAGCACTGCAAGAAAAGCTGCTGGCTGCTCAGAAGCTGC
GGGAAGCAGAGTCTTCTGCGCCACAGCACAAGCAGGAGGACCAGACTATCTAGAGCAGCCATCAAGGAG
TGACTTGTCAAAACACTGGAAAGAAGAACTCTCCGAGTGATTGCCAAGGCATCAGATGATCACGAAGAT
AAAGGGCCAGAGACAGTTTTGCAGTCGGAATAAAATTAGAGTATTCAAGGCTGGTCAAGTTGGCCCAAG
AAGATACCCACCAGAAACAGATTATCGTTTACATCATGTCTGGTCTACTTTATCCAGAACCAGGCACC
AAAGAAAATCATTGAGAAAACATTACTCGAACAATTTGGAGATAGAAATTTGAGTTTTGATGAAAGGTGT
CACAACATAATGAAAGTTGCCCAAGCCAACTGGAAATGATCAAACCTGAAGAAGTGAAGTTGGAGGAAT
ATGAGGAGTGGCAGCAGATTATAAGAAATTCAGAGAAAACACTATGTATCTCATAATTGGACTAGAAAA
CTTTCAGAGAGAAAGTTATATAGACTCCTTGCTGTTTCTTATCTGTGCTTATCAGAATAACAAAGAGCTC
TTGTCCAAGGGTCCATACAGAGGGCATGATGGAGACTTGATATCACATTACAGAAGAGAGTGTACTGA
AATTAATGAGCAAGCGGCAGAGCTGTTGAGTCTGGAGAGGACCAGAAAGTGAAGCAATGGCTTAATTAT
TATGAATGAGTTTATCGTTCCCTTTTGGCCCTTGTGCTGGTGGATGAAACGGAAGAGAGAGATACCTT
GCTGTGGAGGACATGAGGAACCGATGGTGTTCATACCTGGGGCAAGACATGGAACCCAACTCCAAGAAA
AGCTGACGGATTTTCTGCCAAAACCTGCTTGATTGTTCTACAGAGATTAAGGTTTCCACGAGCCGCCAAA
GTTACCTTCTATTCTGCGCATGAACTCTGCGAGCGATTGCCCCGAATCATGTTGTCCTCAGTCGCACT
CCTGCTGATGGAAGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107114

Insert Size: 3168 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_001107114.1, NP_001100584.1

RefSeq Size: 4531 bp

RefSeq ORF: 3168 bp

Locus ID: 304150

Cytogenetics: 11p11-q11