

Product datasheet for **RN216849**

Usp22 (NM_001191644) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp22 (NM_001191644) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp22
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN216849 representing NM_001191644
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTGGCCAGGCCCGAGCCTGAGGTCGAGGCCATGGACGCTGAGCTGGCGGTGGCGCCGCCAGGCTGCT
 CGCACCTGGGCAGCTTCAAGGTGGACAACCTGGAAGCAAAACCTGCGGGCCATCTACCAGTGCTTCGTATG
 GAGCGGAAGTGGCAGGCTCGCAAGCGCAAGGCAAAAGTCTGTGTCTGCCATGTCTGCGGCATTACCTG
 AACCGGCTGCACTCTTGCTCTACTGTCTTTCTTTGGCTGTTTCACGAAGAAGCACATCCATGACCATG
 CTAAGTCAAAGCGGCACAACCTGGCCATTGACCTGATGTATGGAGGATTTACTGCTTCTGTGCCAGGA
 CTACATCTATGACAAAGACATAGAAATCATTGCCAAAGAGGAGCAGCGCAAGGCTTGAAGATGCAAGGT
 GTTGAGAGAAGTTTTGACTTGGGAACCAACTAACGAGAGCTGGAGCTGTGAAGCACAAACCCGAAGA
 GCGGAAGATCACCTCCAACCTGCACCATAGGTCTGCGTGGACTGATCAACCTGGGAACACATGTTTCAT
 GAACTGCATCGTGCAGGCGCTAACCCACACGCGCTTCTGAGGGACTTCTTTCTGTCAGATAGGCACCGC
 TGTGAGATGCAGAGCCCCAGCTCCTGCCTGGTCTGCGAGATGTCTCTCTCTCCAGGAGTTTTACTCGG
 GGCACCGCTCCCCACACATTCCGTACAAGCTGTGACCTGGTGTGGACGCACGCCCGGCACCTGGCAGG
 TTATGAGCAGCAGGACGCCCATGAGTTCCTCATTGCAGCCCTGGACGCTCCTCCACCGGCACTGCAAAGGT
 GATGACAAACGGGAAGAAAGCCAACAACCTAACCACTGCAATTGCATCATTGACCAGATCTTCACGGGTG
 GGCTCCAGTCTGATGTACATGCCAGGTCTGCCATGGGGTCTCCACCACCATAGACCCCTTCTGGGACAT
 CAGTTTAGACCTGCCCGTCTTCCACCCATTCTGGCCCTTAAGCCCAGGGAGCGAGGGCAGTGTGTC
 AATGGGAGAGCCACGCGTCTGGGACCACCTCTCACAGACTGCCTGCGAAGATTTACCAGACCAGAAC
 ACTTAGGAAGCAGTGCCAAGATCAAGTGTAGTGGTTGCCATAGCTACCAAGAGTCCACAAGCAGCTCAC
 CATGAAGAAGCTACCCATTGTGCCTGCTTCCATCTCAAACGATTTGAACACTCAGCCAAACTTCGGCGG
 AAGATCACACATATGTGTCTTTTCCCCTGGAATTGGACATGACGCCCTTTATGGCTCCAGCAAAGAGA
 GCAGGATGAATGGGCAGTACCAGCAGCCCTGGACAGTCTCAACAATGACAACAATACTCCTTGTTTGC
 TGTCGTTAACCAAGGGACCTTGGAGAGTGGCCACTACACCAGCTTCCATCCGGCAGCACAAGACCAG
 TGGTTCAAGTGTGATGACGCCATCATCACAAGGCCAGCATCAAAGATGTGCTGGACAGCGAAGGGTACC
 TGCTCTTACCACAACAGTTCCTGGAATATGAGTAG

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001191644
- Insert Size:** 1578 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191644.1](#), [NP_001178573.1](#)

RefSeq Size: 1578 bp

RefSeq ORF: 1578 bp

Locus ID: 303201

Cytogenetics: 10q22