

Product datasheet for **SC337277**

USP44 (NM_001278393) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP44 (NM_001278393) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP44
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001278393, the custom clone sequence may differ by one or more nucleotides

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ATGCTAGCAATGGATACGTGCAACATGTTGGGCAGCTGCAGCTTGCTCAAGACCATTCCAGCCTCAACC
CTCAGAAATGGCACTGTGTGGACTGCAACACGACCGAGTCCATTTGGGCTTGCCTTAGCTGCTCCCATGT
TGCCTGTGGAAGATATATTGAAGAGCATGCACTCAAGCACTTTCAAGAAAGCAGTCATCCTGTTGCATTG
GAGGTGAATGAGATGTACGTTTTTTGTTACCTTTGTGATGATTATGTTCTGAATGATAACACAACCTGGAG
ACCTGAAGTTACTACGACGTACATTAAGTGCCATCAAAAGTCAAAATTATCACTGCACAACCTCGTAGTGG
GAGGTTTTTACGGTCCATGGGTACAGGTGATGATTCTTATTTCTTACATGACGGTGCCCAATCTCTGCTT
CAAAGTGAAGTCAACTGTATACTGCTCTTTGGCACAGGAGAAGGATACTAATGGGTAAAATCTTTCGAA
CATGGTTTGAACAATCACCCATTGGAAGAAAAAGCAAGAAGAACCATTTTCAGGAAAAAATAGTAGTAAA
AAGAGAAGTAAAGAAAAGACGGCAGGAATTGGAGTATCAAGTTAAAGCAGAATTGGAAAGTATGCCTCCA
AGAAAGAGTTTACGTTTACAAGGGCTCGCTCAGTCGACCATAATAGAAAATAGTTTCTGTTACGGTGCCAG
CACAAACGCCAGCATCACAGCAAAAGATAAAGTACTCTCTACCTCAGAAAATGAAATATCTCAAAAAGT
CAGTGACTCCTCAGTTAAACGAAGGCCAATAGTAACTCCTGGTGTAAACAGGATTGAGAAAATTTGGGAAAT
ACTTGCTATATGAATTCTGTTCTTCAGGTGTTGAGTCATTTACTTATTTTTTCGACAATGTTTTTAAAGC
TTGATCTGAACCAATGGCTGGCTATGACTGCTAGCGAGAAGACAAGATCTTGAAGCATCCACCAGTCAC
AGATACAGTAGTATATCAAAATGAATGAATGTCAGGAAAAAGATACAGGTTTTGTTTGCTCCAGACAATCA
AGTCTGTCATCAGGACTAAGTGGTGGAGCATCAAAAGGTAGAAAGATGGAACCTATTTCAGCCAAAGGAGC
CAACTTCACAGTACATTTCTCTTGTGTCATGAATTGCATACTTTGTTCCAAGTCATGTGGTCTGGAAAAGT
GGCGTTGGTCTCACCATTTGCTATGCTACACTCAGTGTGGAGACTATTCTGCCTTTCGTGGTTACGCC
CAACAAGACGCTCAGGAATTTCTTTGTGAACTTTTAGATAAAAATAACAACGTGAATTAGAGACAACCTGGTA
CCAGTTTACCAGCTCTTATCCCCACTTCTCAAAGGAAACTCATCAACAAGTTCTGAATGTTGTAATAA
CATTTTTCATGGACAACCTCTTAGTCAGGTTACATGTCTTGCATGTGACAACAAATCAAATACCATAGAA
CCTTTCTGGGACTTGTCATTGGAGTTTCCAGAAAGGTATCAATGCAGTGGAAAAGATATTGCTTCCCAGC
CATGTCTGGTTACTGAAATGTTGGCCAAATTTACAGAACTGAAGCTTTAGAAGGAAAAAATCTACGTATG
TGACCAGTGAACCTCAAAGCGTAGAAGGTTTTCTCCAAACCAGTTGACTCACAGAAAGCCAGAAAACAA
CTTATGATATGCCACCTACCTCAGGTTCTCAGACTGCACCTCAAACGATTGAGTGGTGCAGGACGTAATA
ACCGAGAGAAGATTGGTGTTCATGTTGGCTTTGAGGAAATCTTAAACATGGAGCCCTATTGCTGCAGGGA
GACCCTGAAATCCCTCAGACCAGAAATGCTTTATCTATGACTTGTCCGCGTGGTGTGCACCATGGGAAA
GGATTTGGCTCAGGGCACTACACTGCCTACTGCTATAATTCTGAAGGAGGTTCTGGGTACTGCAATG
ATTCCAAACTAAGCATGTGCACTATGGATGAAGTATGCAAGGCTCAAGCTTATATCTTGTGTTTTATACCCA
ACGAGTTACTGAGAATGGACATTCTAACTTTTGCCTCCAGAGCTCCTGTTGGGGAGCCAACATCCCAAT
GAAGACGCTGATACCTCGTCTAATGAAATCCTTAGCTGA
    
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Restriction Sites: Sgfl-MluI

ACCN: NM_001278393

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_001278393.1](#), [NP_001265322.1](#)

RefSeq Size: 4106 bp

RefSeq ORF: 2139 bp

Locus ID: 84101

UniProt ID: [Q9H0E7](#)

Cytogenetics: 12q22

Protein Families: Druggable Genome, Protease

Gene Summary: The protein encoded by this gene is a protease that functions as a deubiquitinating enzyme. The encoded protein is thought to help regulate the spindle assembly checkpoint by preventing early anaphase onset. This protein specifically deubiquitinates CDC20, which stabilizes the anaphase promoting complex/cyclosome. [provided by RefSeq, Dec 2016]
Transcript Variant: This variant (3) encodes the same protein as variants 1, 2, 5, and 6.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.