

## Product datasheet for **SC320718**

### USP30 (NM\_032663) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	USP30 (NM_032663) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_032663 edited  
 CCGCCGCGAATTCGCACGAGGCCGTCGTATCCCTCGGTCCGGCGGCGGCGGCGGCGGTAG  
 CCGAGGAGACGGTTTCAGGCCTCCGGTGC GGCTGCAATGCTGAGCTCCCGGGCCGAGGCG  
 GCGATGACCGCGGCCGACAGGGCCATCCAGCGCTTCTGCGGACCGGGCGGCGGCGTCAGA  
 TATAAAGTCATGAAGAACTGGGGAGTTATAGGTGGAATTGCTGCTGCTCTGCAGCAGGA  
 ATATATGTTATTTGGGGTCCCATTACAGAAAGAAAGAAGCGTAGAAAAGGGCTTGTGCCT  
 GGCTTGTAAATTTAGGGAACACCTGCTTCATGAACTCCCTGCTACAAGGCTGTCTGCC  
 TGTCTGCTTTTCATCAGGTGGCTGGAAGAGTTACCTCCAGTACTCCAGGGATCAGAAG  
 GAGCCCCCTCACACCAGTATTTATCCTTAACACTCTTGACCTTCTGAAAGCCTTGTC  
 TGCCAAGAAGTTACTGATGATGAGGTCTTAGATGCAAGCTGCTTGTGGATGTCTTAAGA  
 ATGTACAGATGGCAGATCTCATCTTTGAAGAACAGGATGCTCACGAATTATTCCATGTC  
 ATTACCTCGTCATTGGAAGATGAGCGAGACCGCCAGCCTCGGGTCACACATTTGTTTGAT  
 GTGCATCCCTGGAGCAGCAGTCAGAAATAACTCCAAACAAATTACCTGCCGCACAAGA  
 GGGTCACCTACCCACATCCAATCACTGGAAGTCTCAACATCCTTTTCATGGAAGACTC  
 ACTAGTAATATGGTCTGCAAACACTGTGAACACCAGAGTCTGTTGCGATTTGATACCTTT  
 GATAGCCTTTCACTAAGTATTCCAGCCGCACATGGGGTCACCCATTGACCCTGGACCAC  
 TGCCCTTACCCTTCATCTCATCAGAATCAGTGCGGGATGTTGTGTGTGACAACGTACA  
 AAGATTGAAGCCAAGGGAACGTTGAACGGGAAAAGGTGGAACACCAGAGGACCCTTTT  
 GTTAAACAGTTAAACTAGGGAAGCTCCCTCAGTGTCTCTGCATCCACCTACAGCGGCTG  
 AGCTGGTCCAGCCACGGCACGCCTCTGAAGCGCATGAGCACGTGCAGTTCAATGAGTTC  
 CTGATGATGGACATTTACAAGTACCACCTCCTTGGACATAAACCTAGTCAACACAACCT  
 AAAGTGAACAAGAACCCAGGGCCTACACTGGAGCTGCAGGATGGGCCGGGAGCCCCACA  
 CCAGTTCTGAATCAGCCAGGGGCCCCCAAAACACAGATTTTATGAATGGCGCCTGCTCC  
 CCATCTTTATTGCCAACGCTGTACAGCGCGATGCCCTTCCCTCTCCAGTTGTTCCCGAC  
 TACAGCTCCTCCACATACCTCTTCCGGCTGATGGCAGTTGTCGTCCACCATGGAGACATG  
 CACTCTGGACACTTTGTCACTTACCAGCGTCCACCTTCTGCCAGGAACCTCTCTCA  
 ACTAGCAATCAGTGGCTGTGGGTCTCCGATGACACTGTCCGCAAGGCCAGCCTGCAGGAG  
 GTCCTGTCTCCAGCGCTACCTGCTGTTCTACGAGCGCGTCTTTCCAGGATGCAGCAC  
 CAGAGCCAGGAGTCAAGTCTGAAGAATGACTGTGCCCTCTGCAAGGCTAGAGCTGATG  
 GCACTGTCTGCACTGTCCAGGA

**Restriction Sites:** Please inquire

**ACCN:** NM\_032663

**Insert Size:** 2100 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_032663.2</a></u> , <u><a href="#">NP_116052.1</a></u>
<b>RefSeq Size:</b>	2117 bp
<b>RefSeq ORF:</b>	1527 bp
<b>Locus ID:</b>	84749
<b>UniProt ID:</b>	<u><a href="#">Q70CQ3</a></u>
<b>Cytogenetics:</b>	12q24.11
<b>Domains:</b>	UCH
<b>Protein Families:</b>	Protease, Transmembrane
<b>Gene Summary:</b>	<p>USP30, a member of the ubiquitin-specific protease family (see USP1, MIM 603478), is a novel mitochondrial deubiquitinating (DUB) enzyme (Nakamura and Hirose, 2008 [PubMed 18287522]).[supplied by OMIM, Dec 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>