

## Product datasheet for **SC336403**

### USP30 (NM\_001301175) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	USP30 (NM_001301175) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC336403 representing NM\_001301175.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGAAGTGGGAGTTATAGGTGGAATTGCTGCTCTTGCAGCAGGAATATATGTTATTTGGGGT
CCCATACAGAAAGAAAGCAGTGTGCTGCTTGTGCCTGGCCTTGTAAATTTAGGGAACACCTGC
TTCATGAACTCCCTGCTACAAGGCTGTCTGCCTGCTGCTTTTATCAGGTGGCTGGAAGAGTTACC
TCCAGTACTCCAGGATCAGAAGGAGCCCCCTCACACCAGTATTTATCCTTAACACTCTTGCACCTT
CTGAAAGCCTTGTCTGCCAAGAAGTTACTGATGATGAGGTCTTAGATGCAAGCTGCTTGTGGATGTC
TTAAGAATGTACAGATGGCAGATCTCATCATTTGAAGAACAGGATGCTCACGAATTATCCATGTCATT
ACCTCGTCATTGGAAGATGAGCGAGACCGCCAGCCTCGGGTACACATTTGTTTGTGATGTCATTCCCTG
GAGCAGCAGTCAGAAATAACTCCAAACAAATTACCTGCCGCACAAGAGGGTACCTCACCTACATCC
AATCACTGGAAGTCTCAACATCCTTTTTCATGGAAGACTCACTAGTAATATGGTCTGCAAACTGTGAA
CACCAGAGTCTGTTTCGATTTGATACCTTTGATAGCCTTCACTAAGTATTCCAGCCGCCACATGGGGT
CACCCATTGACCTGGACCACTGCCTTACCACCTCATCTCATCAGAATCAGTCCGGGATGTTGTGTGT
GACAACGTGACAAAGATTGAAGCAAGGAAACGTTGAACGGGGAAAAGGTGGAACACCAGAGGACCACT
TTTGTTAAACAGTTAAACTAGGGAAGCTCCCTCAGTGTCTCTGCATCCACCTACAGCGGCTGAGCTGG
TCCAGCCACGGCAGCCTCTGAAGCGGCATGAGCACGTGCAGTTCAATGAGTTTCTGATGATGGACATT
TACAAGTACCACCTCCTTGACATAAACCTAGTCAACACAACCCTAAACTGAACAAGAACCAGGGCCT
ACACTGGAGTGCAGGATGGGCCGGGAGCCCCACACCAGTTCTGAATCAGCCAGGGGCCCCAAAACA
CAGATTTTATGAATGGCGCTGCTCCCATCTTTATTGCAACGCTGTGAGCCGATGCCCTTCCCT
CTCCCAGTTGTTCCCGACTACAGCTCCTCACATACCTTCCGGCTGATGGCAGTTGTCGTCCACCAT
GGAGACATGCACCTGGACACTTTGTCACTTACCGACGGTCCCCACCTTCTGCCAGGAACCTCTCTCA
ACTAGCAATCAGTGGCTGTGGTCTCCGATGACTGTCCGAAGGCCAGCCTGCAGGAGTCTGTCC
TCCAGCGCTACCTGCTGTTCTACGAGCGCTCCTTCCAGGATGCAGCACCAGAGCCAGGAGTGAAG
TCTGAAGAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001301175

**Insert Size:** 1461 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\\_001301175.1](#)

RefSeq Size:	4145 bp
RefSeq ORF:	1461 bp
Locus ID:	84749
UniProt ID:	<a href="#">Q70CQ3</a>
Cytogenetics:	12q24.11
Protein Families:	Protease, Transmembrane
MW:	55.1 kDa
Gene Summary:	<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 (2) has a different 5' structure, resulting in the use of a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1.</p>