

Product datasheet for **SC104491**

USP36 (AK023077) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP36 (AK023077) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP36
Synonyms:	DUB1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK023077, the custom clone sequence may differ by one or more nucleotides

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ATGCTATTGAAGACAGCAGACAGGCCCGGACTGAGACCGTGGTTGATGACTGGGACGAAGAGTTGACCG
AGGGAAGGAAAAGAAAATTAATAAATTTAAGAGAGAGAAGAGGAGAAAACCTCAACGCCTTCCAGAACTT
CAGACTCGACGGAACCTTCTGGTCTGTGACTCACCCAGCAAGGCTGCCAGCCTCAGCTATCGCCGCTGAC
TGTGCCCTGTGGAAGGAGGACTACCGTGGTTTGTCTGCAGCCTCCTGGAGACAAGGCGTCCCTTCCCG
GGAGCTGTCGGTCTGGATCTGAGGGAGCTCTGTGTGGGCTCTGCTGTGCTGGGAGCCTGTCACGGTAG
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TCTTTGGTGACATTCCCAGCAGCCTGCAAGAGAAAACGACAGTGTGTGTGAGCAGAGGTGGTGACAC
ACCTGCTGGACATCTTGGCAGGCTGTGCCTTCTCATGTTTCATAGACAGTGGTCTGTGCTGGCAGAGGC
TGCTGCCCTGGTGGGGCTATCAGGAGAGTGGGGATGGTGGCCACATGCTCCAGGTGGTCTCCCGG
TGCATAGCTGGTGGCTCTGGGCAAGCCATCCCTTGTCTCGGGCTGACGCCACCGTTGTGTCGAGCC
CGCCCTCCCTGCTTCTCAGCGGGACCCCTTCTCATCTGTTGGCCTTACCTGTCTCAGAAAGGAAGAGGT
GACCCACCCAGCCACCTCTCCCTTTATGGAACTCGAGAGGGTGGCCCTACTGTGCACCCCTTCCCTGT
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CATCTGCTTCCAGGCTGCTGTTATTCTGAGACGACTGTGCTGTAGCTTCCCTTGCAGCTGCAATAACC
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CAGGAAAAGACAAATGCCCTCATAGTAGTGGAAAGTGAAGGTGACCGTGAACATCTTCCCTCATCGG
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK023077 unedited
 TCCCCCGCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAG
 AGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCGAA
 TTCGGCACGAGGCGGGTCACTCAGGATGCTATTGAAGACAGCAGACAGGCCCGGACTG
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 AATTTAAGAGAGAGAAGAGGAGAAACTTCAACGCCTTCCAGAACTTCAGACTCGACGGA
 ACTTCTGGTCTGTGACTCACCCAGCAAAGGCTGCCAGCCTCAGCTATCGCCGCTGACTGT
 GCCCCTGTGGAAGGAGGACTACCGTGGTTTGTCTGCAGCCTCCTGGAGACAAGGCGTCC
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 GAAACGACAGTGTGTGTGAGCAGAGGTGGCTGCACACCTGCTGGACATCTTTGCCAGG
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 TGGGGCTATCAGGAGAGTGGGGATGGTGGCCACATGTCNTCCAGTGGTCTCCCGGTGC
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 CGAGCCCGCCCTCCCTGCTTNNCTCAGCGGACCCTTATCTGNTGGNCCTACCTGTC
 CTCAGAAAGGAAGAGTGACCCCAACCCGCCACCTCTCCCTTTNTGGAATCGAGAGGGT
 GGC

3' Read Nucleotide Sequence:

>OriGene 3' read for AK023077 unedited
 ATTTAGTTTTTATATTTTTTTTTTACAAAACCGGATATTTTATTGCACCAATATCTTG
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 TGACACACACAGGTGCGGCCATGCAACCAGGACGCGGGCAGGCAAGTGAGAGGACCTG
 GGAGAGGTAGCTGCTGTACACAGGCCCACTCCCTCCAGTCCATTTCCAAGCACAAAAT
 TCAACAGACCCAGATCCTAAGTCAACCAAGTACTGCTATGACAAAGGCTTGGGTATTG
 ACATTTACTTACATACGTGTACAAGACCTAGAGTTTGAATCGTTTTCTGGGCCTCATCT
 TTCCCTTCCCTATCTGGTTGATGACTTCGGTGGAGGGAAGGGACGTGACTCCACCAACA
 GTGATAAACGCTGCAGAAAGTCACTCTGTGCTCACCCTGCCAAGAATTAACGAATGTA
 TGTACCCAGGAAAAGGTTTTACAGTTATCTAGTGGAGAAGGGAAGAGACTGATTTGGAG
 GAGAGAAGGGAGAGAAAAGGAACGAGATAAATTCTGTGCCAGCAGACAATAACATTTTCA
 ACTACAGAACATCACACGGTAAACATGGCAGAGGGAACAGTTCACACAGGAATGCAAGTC
 AACACCCCGAGGAGTAAAGGGACATACCCTGCCCGTGAAGGCATGTGNCTTCCCTCCCA
 GATAAGTTACAAAGCCAGAGCACGGGAGCCAGGCCCTCATCTTTGAACATTCAAAGACTG
 GTCCGCCAGAAAAGGCACCCTGAGCAGCTCCACTACTGCTGCTGGGACCCAGTTGGCC
 C

Restriction Sites:

NotI-NotI

ACCN:

AK023077

Insert Size:

2650 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: [AK023077.1](#)

RefSeq Size: 2479 bp

RefSeq ORF: 2479 bp

Locus ID: 57602

Cytogenetics: 17q25.3

Protein Families: Druggable Genome, Protease

Gene Summary: This gene encodes a member of the peptidase C19 or ubiquitin-specific protease family of cysteine proteases. Members of this family remove ubiquitin molecules from polyubiquitinated proteins. The encoded protein may deubiquitinate and stabilize the transcription factor c-Myc, also known as MYC, an important oncoprotein known to be upregulated in most human cancers. The encoded protease may also regulate the activation of autophagy. This gene exhibits elevated expression in some breast and lung cancers. [provided by RefSeq, Mar 2016]