

Product datasheet for **SC215740**

USP2 (NM_004205) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	USP2 (NM_004205) Human 3' UTR Clone
Symbol:	USP2
Synonyms:	UBP41; USP9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004205
Insert Size:	1650 bp



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Insert Sequence: >SC215740 3'UTR clone of NM_004205
 The sequence shown below is from the reference sequence of NM_004205. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAACTGGCCAGCCCGCCCTCCCGAATGTAGCGCCAGGAGCCAGTCCCTTCTCCCTTCCCGTGGTGGC
CCCCTCCCTAAATTTTTTAAAAAGACAAAAACAAAAACAACAACAACACACAAACCTGACAAGAGA
AAAAAAACCTGAAGCTGCCGAGCAGGAGTGGATGCAGCCTGATCAGGGTCTGGAGCAAGGAGCCGGGC
TTTCTGAGCTGTGGCCCGCAGGGAAGATCGCCTGGACGTGGAGCCAGCATCGCCCCGTGCCCTCGGC
GTTTGCATTTGTAACCTTGTGGTCTTCTATGTGTGAGAAACAACCTGTGTCTTGGGGGGGAAAGACCTC
GCTGCGCCGTTCCCGCCGACGCGCCCGCCTCCGAGGGGACAGCGCCCTCTGGAGCTCGTGGGAGC
ATCACCCTGGACGCCCGCGCCGGAGGAGCCGGCGCCATCTCCACCCGACGGCTCGCCGGTCCA
GAGCCATGAGCCAAGAGCCCTTTCACGCTGCTAACTCCAGGGGACAGACGAAGGGACATCTTTGAAA
ACGCTGGTTTTGGTTTTTAAAAAGCCCAACTTTTTTTTTTTAATTTCCATAACTAAAGTGTTCAGACTG
GAGTGCTCTCCTTCAGGCCTCTTCATAGCTGGGACGTTGCACTGGTCTTTTTATTGCTTTTCCAAGTAC
AACTTTCTAATGCTAGCCCTCCGTGGTGTAGGTGGGCGTTGGCCAGGCCCAAGCACAGCCACAGTAG
ACCTGGGATCTAAACAAGTTTCTGTTTTGGGGTTTTGGGTTTTTTTTTTTTTTTTTAAATGTTTTGAA
TGGAAATTTAGTTGCCCTCAAGAATTGTGCCTTATAGCATTTGGGGACCAGGGGTAAGTCCCTCCTG
AAATATCCCTCAGCCTCTCCCTTTTCCCAGTGTCTGTTCAAACCCGCTGGGAAAGGGATCTGCC
CTTAGCCCTGGCTCGTTGTGATTGCAGTGAGGCAAAGAAGAAAGCAGGTAGATTCCTCCGACAGGGC
ATCAAGTTCTTCCCGCCACGTCCTCTAGCCACCCCTGGTCTGCTCCCAGCTGTTTGAAGGATAGCA
CAAGCCCCTCGTCCCTAGAGCTTCTCTCCCTTTTATTTATTCTCTTAACATCCCTTTCCCTTGGCCTT
CCTGCCCCCGCCCTTCTCAGGCCTCTAGACAATAGGCCCTTTGGACCGAGTTTCTCAGGGATGCC
CAGGCCACCCCTCAGCTCTTCTAGCGCTGGTCTCCAGTCTGCCCTGGGAGCTGGAGCCTGGGTATTT
GGGGACATCTGCCTCAGTTGTATGGTTCTTCTGTGGGCTCAATTTTGCCTACATAGTTGGATAAA
ACTCTGTGCTGTCTGGAGAGTAAAGCTGTTACCCACACAGCTGGGCCCGGCTTGTGCCCGTGGAGC
CTGGCACATTCCAGGCTCCTAGGAGGAGGCATCAGAGAAAGACACCCTGAGTTTTACTGGCCTGACACC
CTTCTCCAGAGAAGACCTGTGAACCTGAGCCCAAGGGCAAGTGTACACTGTTTACTGTGTAAGCAAGA
GTAGAAGAATGTCTAATGTACAGTGAACCTTGTACAGAATAAATAATAGCTTTGAGAAATCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_004205.5](#)

Summary:

This gene encodes a member of the family of de-ubiquitinating enzymes, which belongs to the peptidase C19 superfamily. The encoded protein is a ubiquitin-specific protease which is required for TNF-alpha (tumor necrosis factor alpha) -induced NF-kB (nuclear factor kB) signaling. This protein deubiquitinates polyubiquitinated target proteins such as fatty acid synthase, murine double minute 2 (MDM2), MDM4/MDMX and cyclin D1. MDM2 and MDM4 are negative regulators of the p53 tumor suppressor and cyclin D1 is required for cell cycle G1/S transition. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]

Locus ID:

9099

MW:

61.2