

Product datasheet for **SC207600**

USP5 (NM_003481) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: USP5 (NM_003481) Human 3' UTR Clone
Symbol: USP5
Synonyms: ISOT
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_003481
Insert Size: 585 bp
Insert Sequence: >SC207600 3'UTR clone of NM_003481
 The sequence shown below is from the reference sequence of NM_003481. 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
ATCTACTTCTACCAGAGAGTGGCCAGCTAAGAGCCTGCCTCACCCCTTACCAATGAGGGCAGGGGAAGA
CCACCTGGCATGAGGGAGAGGGGCTGAGGGATGGACTTCAGCCCTCTGCTCTGTACCCCTTTTCCCTTT
TGTCCCCGGCAGCAGGAAGAAGCTGGAGGCCGTGGGAGAATGGCTGGCAGAGCAGAGGGGCAGCGAT
AGACTCTGGGGATGGAGCAGGACGGGGACGGGAGGGGCCGCCCACCTGTCTGTAAGGAGACTTTGTTGC
TTCCCCCTGCCCCCGAATCCACAGTGCTCTGCTTCTCTGTGTCGCCCGCCAGCCCCCTGGTGTGGAG
GGAGGGGTCTCGTTTGTGCGCGTGGGTGTAGCTTTGTGCATCCTCTCCAGTGGAGCGATCACCTGTGC
CTCCCCCTCCCCCTTTGTTTGGCCCTGTGTGGTTGGTCAAGGAGGGATGTGAGGGAAATAGGGACCCCC
GACTTGCCCCTCCTGCCTCAGTCTTTCCCCCACCCTGTCTCTTCTTGTCTTCTCTGGAAATGCCAAA
ATACACGATGTGAATAAAAGTACAACGGCTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCCAACTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul
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).



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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_003481.3
Summary:	Ubiquitin (see MIM 191339)-dependent proteolysis is a complex pathway of protein metabolism implicated in such diverse cellular functions as maintenance of chromatin structure, receptor function, and degradation of abnormal proteins. A late step of the process involves disassembly of the polyubiquitin chains on degraded proteins into ubiquitin monomers. USP5 disassembles branched polyubiquitin chains by a sequential exo mechanism, starting at the proximal end of the chain (Wilkinson et al., 1995 [PubMed 7578059]).[supplied by OMIM, Mar 2010]
Locus ID:	8078
MW:	21.1