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Product datasheet for SC207693

USP5 (NM_001098536) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	USP5 (NM_001098536) Human 3' UTR Clone
Symbol:	USP5
Synonyms:	ISOT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001098536
Insert Size:	585 bp
Insert Sequence:	>SC207693 3'UTR clone of NM_001098536 The sequence shown below is from the reference sequence of NM_001098536. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATCTACTTCTACCAGAGAGTGGCCAGCTAAGAGCCTGCCTCACCCCTTACCAATGAGGGCAGGGGAAGA CCACCTGGCATGAGGGAGAGGGGCTGAGGGATGGACTTCAGCCCCTCTGCTCTGTACCCTTTTTCCTTT TGTCCCCGGCAGCAGGGAAGAAGCTGGAGGCCGTGGGAGAATGGCTGGGCAGAGCAGAGGGGCAGCGAT AGACTCTGGGGATGGAGCAGGACGGGGACGGGAGGGGCCGGCCACCTGTCTGTAAGGAGACTTTGTTGC TTCCCCTGCCCCCGGAATCCACAGTGCTCTGCTTCTCTGTGTCGCCCCGCCCAGCCCCCTGGTGTGGAG GGAGGGGTCTCGTTTGTGCGCGTGGGTGTAGCTTTGTGCATCCTCTCCCAGTGGAGCGATCACCTGTGC CTCCCCTCCCCCTTTGTTTGCCCCTGTGTGGTTGGTCAAGGAGGGATGTGAGGGAAATAGGGACCCCCC GACTTGCCCTCCTGCCTCAGTCTTTCCCCCACCCTGTCTCTTCCTTGTCCTTCTCTGGAAAATGCCAAA ATACACGATGTGAATAAAAGTACAACGGCTAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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).

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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_001098536.2
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