

Product datasheet for **SC100963**

USP43 (NM_153210) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP43 (NM_153210) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP43
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_153210 edited
CACGAGGGTTTCATGAACGCGGTGGTGCAGTGTCTCAGCAACACCGACCTGCTGGCCGAG
TTCCTGGCGCTGGGGCGCTACCGGGCGGCTCCGGGCCGCGCCGAGGTACCGAGCAGCTG
GCGGCGCTGGTGCAGCGCTCTGGAATCGCAATACACGCCCCAACTTTCTGCGGAGTTC
AAGAATGCAGTTTCCAAGTACGGCTCTCAGTTCGAAGCAATCCCAGCAGCAGCCCTG
GAATTCCTGCTCTGGTTGCTGGATCGTGTACATGAGGACCTGGAGGGTTCATCCCGAGGG
CCGGTGTGCGAGAAGCTTCCGCTGAAGCCACTAAAACCTCTGAGAACTGCCTGTACCA
TCAGTCTAGCTTCTCTAGGTCAAAGCTTTGTGCAAAGCCACTTTCAAGCACAATATAGA
TCTTCCTTGACTTGTCCCACTGCCTGAAACAGAGCAACACCTTTGATCCTTTCTGTGT
GTGTCCCTACCTATCCCCTTGCGCCAGACGAGGTCTTGAGTGTACCTTGGTCTTCCCC
TCTAAGAGCCAGCGGTTCTGCGGGTGGCCTGGCCGTGCCGATCCTCAGCAGTGGCA
GCCCTGAGGAAGATGGTGCAGAGGAAGGAGGCGTCCCTGCAGATGAGGTGATCTTGGTT
GAACTGTATCCAGTGGATTCCAGCGGTCTTTCTTTGATGAAGAGGACCTGAATACCATC
GCAGAGGGAGATAATGTGTATGCCTTTCAAGTTCCTCCCTCAGCAGCCAGGGGACTCTC
TCAGTCTATCCACTGGGTCTGTGCGCTCTCCAGCCTGGCAGCCGTGAGGGCCAGCGA
TTCTCCCTCTCTCTCCACAGTGAGAGCAAGGTGCTAATCTCTTCTGTAACCTTGGTGGGG
TCAGGGCAGCAGGCTAGCAGGTTTGGGCCACCCTTCTGATAAGGGAAGACAGAGCTGTT
TCTTGGGCCAGCTCCAGCAGTCTATCCTCAGCAAGGTCCGCCATCTTATGAAGAGTGAG
GCCCTGTACAGAACCTGGGGTCTCTGTCTCCATCCGTGTTGTGGGACTCTCTGTGGCC
TGCAGTATTTGTCTCCGAAGGACAGTCCGCCCTCTGTCACTGGGCAGTTGACAGGGTT
TTGCATCTCAGGAGGCCAGGAGGCCCTCCACATGTCAAGCTGGCGGTGGAGTGGGATAGC
TCTGTCAAGGAGCGCTGTTCCGGAGCCTCCAGGAGGAGCGAGCGCAGGATGCCGACAGT
GTGTGGCAGCAGCAGCAGGCGCATCAGCAGCACAGCTGTACCTTGGATGAATGTTTTAG
TTCTACACCAAGGAGGAGCAGCTGGCCAGGATGACGCTGGAAGTGTCTCACTGCCAA
GTCTGCAGCAGGGATGGTGAAGCTGAGTTTGTGGACGCTGCCTGACATCCTCATCATC
CACCTCAAAGGTTCTGCCAGGTGGGCGAGAGAAGAAACAAGCTCTCCAGCTGGTGAAG
TTTCCGCTCTCTGGACTCAACATGGCTCCCCATGTGGCCAGAGAAGACCAGCCCTGAG
GCAGGACTGGGCCCTGGCCTTCTGGAAGCAGCCGACTGCCTGCCACCAGTTACCCG
CTGGACTTCTGTACGACCTGTATGCCGTCTGCAACCACCATGGCAACCTGCAAGGTGGG
CATTACACAGCCTACTGCCGGAAGCTCTCTGGATGGCCAGTGGTACAGTTATGATGACAGC
ACGGTGAACCGCTTCGAGAAGATG

5' Read Nucleotide Sequence: >OriGene 5' read for NM_153210 unedited
GGGGTCCACCAATTAGTATACGACTCACTATAGGCGGCCGCAATTTCGGCAGAGGGTTT
CATGAACGCGGTGGTGCAGTGTCTCAGCAACACCGACCTGCTGGCCGAGTTCTGGCGCT
GGGGCGCTACCGGGCGGCTCCGGGCCGCGCCGAGGTACCGAGCAGCTGGCGGCGCTGGT
GCGGCGCTCTGGAATCGCAATACACGCCCCAACTTTCTGCGGAGTTCAAGAATGCAGT
TTCCAAGTACGGCTCTCAGTTCGAAGCAATCCCAGCAGCAGCCCTGGAATTCCTGCT
CTGGTTGCTGGATCGTGTACATGAGGACCTGGAGGGTTCATCCCGAGGGCCGGTGTGGA
GAAGCTTCCGCTGAAGCCACTAAAACCTCTGAGAACTGCCTGTACCATCAGCTCAGCT
TCTCTAGGTCAAAGCTTTGTGCAAAGCCACTTTCAAGCACAATATAGATCTTCCTTGAC
TTGTCCCCACTGCCTGAAACAGAGCAACACCTTTGATCCTTTCTGTGTGTGCCCTACC
TATCCCCCTTGCGCCAGACGAGGTTCTTGAGTGTACCTTGGTCTTCCCCTCTAAGAGCCA
GCGGTTCTGCGGGTGGCCTGGCCGTGCCGATCCTCAGCAGTGGCAGCCCTTGAGAA
GATGGTTGCAGAGAAGGAGGCGTCCCTGCAGATGAAGGTGATCTGGTTGAAGTGTATCC
CAGTGGATTCCAGCGGTCTTTCTTTGATGAAGAGGACCTGATACCATCGCAGAGGGAGAT
ATGTGTATGCCTTTCAAGTCTCCCTTACCCACCAGGGGACTCTCTCACTCATCCACTGG
GTCTGTTGCGCTTTTACGCTTGGCAGCCGTGAGGCCAACGATTCTCCCTCTCTCTTC
ACAGTGAGAGCAGGC

Restriction Sites: NotI-NotI
ACCN: NM_153210

Insert Size:	4000 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:	<u>NM_153210.1, NP_694942.1</u>
RefSeq Size:	3058 bp
RefSeq ORF:	945 bp
Locus ID:	124739
UniProt ID:	<u>Q70EL4</u>
Cytogenetics:	17p13.1
Protein Families:	Druggable Genome
Gene Summary:	May recognize and hydrolyze the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).