

Product datasheet for SC318506

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)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_153210 edited <pre> ATGGACCTGGGCCCCGGGGACGCGGCAGGAGGGGGACCGCTCGCGCCCCGGCCCCCGCG CGCCGCTCCCTGCGCCGCTGTTTCAGCCGCTTCTGCTGGCGCTGGGCAGCCGCTCACGC CCCGGGGACTCACGCCCCGGCCCCAGCCGGGACACTGTGATGGCGACGGTGAGGGGGGC TTCGCTGCGCCCCGGGCCAGTTCCAGCGCCCCGGGAGCCCCGGGGAGGAACGCCCG CCCGGACCCAGCCAGCTCCAGCTCCCCGCCGGCGATGGGGCGCGGCCGCGGGCGCT CAGGGCTTGAAGAACCACGGCAACACCTGTTTCATGAACGCGGTGGTGCAGTGTCTCAGC AACACCGACCTGCTGGCCGAGTTCTGGCGCTGGGGCGCTACCGGGCGGCTCCGGGCCG GCCGAGGTACCGAGCAGCTGGCGGCGCTGGTGCAGCGCTCTGGACTCGGAATACACG CCCCAACTTTCTCGGAGTTCAAGAATGCAGTTTCCAAGTACGGCTCTCAGTTCCAAGGC AATTCACGACGACGCCCTGGAATTCCTGCTCTGTTGCTGGATCGTGTACATGAGGAC CTGGAGGGTTTCATCCCGAGGGCCGGTGTGCGAGAAGCTTCCGCTGAAGCCACTAAAACC TCTGAGAACTGCCTGTCAACATCAGCTCAGCTTCTCTAGGTCAAAGCTTTGTGCAAAGC CACTTTCAAGCACAATATAGATCTTCTTGACTTGTCCCCACTGCCTGAAACAGAGCAAC ACCTTTGATCCTTTCTGTGTGTCCCTACCTATCCCCTTGGCCAGACGAGGTTCTTG AGTGTCACCTTGGTCTTCCCCTTAAGAGCCAGCGGTTCTGCGGTTGGCTGGCCGTG CCGATCCTCAGCACAGTGGCAGCCCTGAGGAAGATGGTTGCAGAGGAAGGAGGCGTCCCT GCAGATGAGGTGATCTTGGTTGAACTGTATCCAGTGGATTCCAGCGGTCTTTCTTTGAT GAAGAGGACCTGAATACCATCGCAGAGGGAGATAATGTGTATGCCTTTCAAGTTCTCCC TACCCAGCCAGGGGACTCTCTCAGCTCATCCACTGGGTCTGTGCGCCTCTCCACGCCTG GCAGCCCCTGAGGGCCAGCGATTCTCCCTCTCTCCACAGTGAGAGCAAGGTGCTAATC CTCTTCTGTAACCTTGGTGGGGTCAGGGCAGCAGGCTAGCAGGTTTGGGCCACCCTTCTG ATAAGGGAAGACAGAGCTGTTTCTGGGCCAGCTCCAGCAGTCTATCCTCAGCAAGGTC CGCCATCTTATGAAGAGTGAGGCCCTGTACAGAACCTGGGGTCTCTGTTCTCCATCCGT GTTGTGGGACTCTCTGTGCCTGCAGCTATTTGTCTCCGAAGGACAGTCGGCCCCCTGTG CACTGGGCAGTTGACAGGTTTTGTCATCTCAGGAGGCCAGGAGGCCCTCCACATGTCAAG CTGGCGGTGGAGTGGGATAGCTCTGTCAAGGAGCGCCTGTTCCGGAGCCTCCAGGAGGAG CGAGCGCAGGATGCCGACAGTGTGTGGCAGCAGCAGGCGCATCAGCAGCACAGCTGT ACCTTGATGAATGTTTTTCAGTTCTACACCAAGGAGGAGCAGCTGGCCCAGGATGACGCC </pre>


[View online »](#)

TGGAAGTGTCTCACTGCCAAGTCTGCAGCAGGGGATGGTGAAGCTGAGTTTGTGGACG
 CTGCCTGACATCCTCATCATCCACCTCAAAAGTTCTGCCAGGTGGGCGAGAGAAGAAAC
 AAGCTCTCCACGCTGGTGAAGTTTCCGCTCTCTGGACTCAACATGGCTCCCCATGTGGCC
 CAGAGAAGCACCAGCCCTGAGGCAGGACTGGGCCCCTGGCCTTCTGGAAGCAGCCGGAC
 TGCCTGCCACCAGTTACCCGCTGGACTTCTGTACGACCTGTATGCCGTCTGCAACCAC
 CATGGCAACCTGCAAGGTGGGCATTACACAGCCTACTGCCGGAACCTCTCTGGATGGCCAG
 TGGTACAGTTATGATGACAGCACGGTGGAAACCGCTTCGAGAAGATGAGGTCAACACCAGA
 GGGGCTTATATCCTGTTCTATCAGAAAGCGAAGCAGCATCCCTCCCTGGTCAGCCAGCAGC
 TCCATGAGAGGCTCTACCAGCTCCTCCCTGTCTGATCACTGGCTCTTACGGCTCGGGAGC
 CACGCTGGCAGCACAAGGGGAAGCCTGCTGTCTGGAGCTCTGCCCCCTGCCCTCCCTG
 CCCCAGGTTCTGACTCTCCCATCTTACCAACAGCCTCTGCAATCAGGAAAAGGGAGGG
 TTGGAGCCCAGGCGTTTGGTACGGGGCGTGAAAGGCAGAAGCATTAGCATGAAGGCACCC
 ACCACTTCCCAGCCAAGCAGGGACCATTCAAGACCATGCCTCTGCGGTGGTCTTTGGA
 TCCAAGGAGAAACCAGGTGCCTCCGTCGAGTTGGTGGAGTACTTGAATCCAGACGA
 AGACCTCGGTCCACGAGCCAGTCCATTGTGTGCTGTTGACGGGCACTGCGGGTGAGGAT
 GAGAAAGTCAAGCATCGCCGAGGTCCAACGTGCGCCCTTCTGCTAACAGCGAAGATGGTGGG
 CGGGCCATTGAAAGAGGTCCAGCCGGGGTGCCCTGTCCCTCGGGCTCAACCCAACCACTGT
 CTGGCCCCCTGAAACTCAGATGGTCCAAACACAGCAAGGAACTCAAGGAAAATGCAGGG
 CAGGACATCAAGCTTCCCAGAAAGTTTGACCTGCCTCTCACTGTGATGCCTTCAGTGGAG
 CATGAGAAACAGCTCGACCGGAGGGCCAGAAGGCCATGAACTGGAAGGAGAGCTTCCAG
 ATGGGAAGCAAAAGCAGCCACCTCCCTATATGGGATTCTCTGGAACAGCAAGAC
 AGTCGCCGAGGCACCTCTGAGCTAGACAGACCCCTGCAGGGGACACTCACCTTCTGAGG
 TCCGTGTTTCGGAAGAAGGAGAACAGGAGGAATGAGAGGGCAGAGGTCTCTCCACAGGTG
 CCCCCGTCTCCCTGGTGAAGTGGCGGGCTGAGCCCTGCCATGGACGGGCAGGCTCCAGGC
 TCACCTCTGCCCTCAGGATCCCAGAGGGCCTGGCCAGGGGCTGGGCAGCCGGCTCGAG
 AGGGATGTCTGGTCAGCCCCAGCTCTCTCCGCCTCCCTCGTAAAGCCAGCAGGGCCCCG
 AGAGGCAGTGCCTGGGCATGTCAAAAGGACTGTTCCAGGGGAGCAGGCTTCTTATGGC
 ACCTTTCAGAGGGTCAAATATCACACTTTTCTTAGGTGAAAGAAAACCTTACCGGAG
 TCCAGCTTTTGA

Restriction Sites:	Please inquire
ACCN:	NM_153210
Insert Size:	5500 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_153210.3, NP_694942.3</u>
RefSeq Size:	4089 bp
RefSeq ORF:	3372 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).