

Product datasheet for SC318606

USP31 (NM_020718) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP31 (NM_020718) Human Untagged Clone
Tag:	Tag Free
Symbol:	USP31
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020718, the custom clone sequence may differ by one or more nucleotides

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ATGTCCAAGGTAACGGCGCTGGGTCCGGGCCGCGCGCGCGGAGCGGGAAGGAGAAG
CGCTCCTTCAGCAAGCGGCTGTTTCGGAGCGGCGCGCTGGCGGCGGCGCGCGGGGGC
CCCGGGGCGTCCGGGCCGGCGCGCTTCTCGCCCTCCTCGCCCTCCTGACGCTCG
GTGGGCAGCTTCATGAGCCGCTTCTCAAGACGCTGTCCACGCTCTCGCACCTTAGCTCT
GAGGGCGCCGCCAGACCGCGGCGGCTCCGACGCTGCTTCCGCGCGGCGGCGCGCC
GCGCCACGCGCGCGCGTGGCGCGCGCGCGCTCTCCGCGCGCGCGCTTGCGCC
GCCAGCTGCAGTGCCTCAGCAACACCGAGCTCTTCGCGAGTACCTGGCGCTGGGCCAG
TACCGGGCGGGCGGCCGAGCCCTCGCCTGACCGGAGCAGCCTGCGGGCGCGGCGCG
CAGGGCCAGGGCGAGGTCACTGAGCAGCTGGCGACCTGGTGGGGCCCTCTGGACCCTG
GAGTACACCCCGCAGCACAGCCGCGACTTCAAGACTATTGTGTCAAAGAATGCACTGCAG
TACCGGGGAAATCCCAACATGATGCCAGGAGTTTCTGCTGTGGCTTTTGGACCGAGTT
CATGAAGACCTCAACCATTCACTGAAGCAGAGTGGCCAGCCTCCTCTGAAGCCACCATCA
GAGACTGATATGATGCCTGAGGGACCATCTTCCCTGTCTGTAGCACTTTGTACAAGAA
CTCTTTCAAGCGCAATACAGATCTTCTTTGACGTGTCTCATTGTGAGAAACAGAGCAAC
ACTTTTGATCCTTTCTTTGCATTTCTTTGCCAATTCCTCTGCCCCACACAAGGCCTCTC
TATGTCACTGTAGTGTATCAAGGCAATGTTCTCACTGCATGAGGATTGGTGTGGCCGTA
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ACTGATCAGATTGTGTTAACAGAAATGACTATGATGGGTTCCATCGTTCCTTTTGTGAT
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CACTTGAAATTTGGCTTGGATTATCATAGACTGTCTTCTCCTACACAAACAGCAGCAAAG
CAGGGGAAAAATGGATTCTCCACATCAAGAGCAGGAGCAGCAAGATTGCTGTTGGTG
TGTAACCGAGCCTGCAGTGGCAACAAGGAAAAAGATTGGAGTGCCTTTTGTGCTGCAC
TTAGAGAAGACAATAGCTTGGGACCTTCTGCAGAAGGAAATCTTGAGAAGATGAAGTAT
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GTTGGAATAACATATTTGCTGCCCCAGGAGGAGCAGCCCTTGCCACCCAATAGTAGAA
AGGGCATTAAATCTTGTGGACCAGGTGGCACTGCTCATGTGAAATTAGTAGTCGAGTGG
GACAAGGAGACAAGAGATTTCTATTTGTAATACTGAGGATGAGTATATTCCTGATGCA
GAAAGTGTTCTGCTGCAAGGGAGCGTCATCATCAGCCTCAAACCTGCACCTTATCCAG
TGTTTCCAACGTACACCAAGAGGAGCGGCTTGCCCCGATGATGCCTGGCGTTGCCCA

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CACTGTAAGCAGCTGCAGCAGGGAAGCATTACGTTAAGCCTCTGGACTCTGCCTGATGTG
 CTTATTATACATCTAAAGAGATTTCCGGCAGGAAGGAGACAGGCGCATGAAACTTCAGAAC
 ATGGTCAAATTCCTTGGACTGGCTGGACATGACACCTCACGTGGTTAAGAGGAGCCAG
 AGCAGCTGGAGTTTGCCATCGCATTGGTCCCGTGGAGACGGCCCTATGGACTCGGGAGG
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 GGTCCATTTGATAACAATAATCAGATCGCTTATGTGGATCAGAGCGACTCCGTAGACAGC
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 AGCACAATAAGAGATCCCCAGTTCCAAAGGCACTTCTGAGCCAGAGAAAAGCTTGCGG
 AAGGGGAGACCAGCCTTGGAAGCCAGGAGTCATCCCTTTCAAGTACATCCCTTCTTCT
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 GTGAGCCAGGCCCGAGCAGGGGAGGGCAGGGGGCCGGGAAGCACGTGCGGAGCTCCTCC
 ATGGCCAGCCTGCGCTCCCCAGCACAAGCATCAAGTCTGGTTTGAAGAGGGACAGCAAG
 TCTGAGGACAAGGGGCTGTCCTTCTTCAAATCAGCCTTGAGACAGAAGGAAACCCGGCGC
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 TCTGTCTGTAAGAACACCGGGGACGACGAGGCAGAGAGAGGCCACCAGCCTCCAGCTTCC
 CAGCAGCCAAATGCAAATACAACGGGAAAAGAGCAGCTTGTCACCAAGGACCCTGCTTCT
 GCCAAACATTCCTGTGTCCGCTCGCAAATCCAAGTCTTCCAACTAGACTCTGGAGTT
 CCCTCGTCTCCGGGTGGCAGGAGTCTGCAGAGAAATCCTCAAAAAGTTATCTTCTAGC
 ATGCAAACCTCTGCACGGCCTTCTCAAAAACCTCAG

Restriction Sites:

Please inquire

ACCN:

NM_020718

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	NM_020718.3 , NP_065769.3
RefSeq Size:	10698 bp
RefSeq ORF:	4059 bp
Locus ID:	57478
UniProt ID:	Q70CQ4
Cytogenetics:	16p12.2
Protein Families:	Druggable Genome, Protease
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]