

Product datasheet for **RC202538**

USP30 (NM_032663) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP30 (NM_032663) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	USP30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC202538 representing NM_032663
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAGCTCCCGGGCCGAGGCGGCGATGACCGCGGCCACAGGGCCATCCAGCGCTTCTGCGGACCG
 GGGCGGCCGTGAGATATAAAGTCATGAAGAACTGGGGAGTTATAGGTGGAATTGCTGCTGCTTTCAGC
 AGGAATATATGTTATTTGGGGTCCCATACAGAAAGAAAGAGCGTAGAAAAGGGCTTGTGCCTGCCTT
 GTTAATTTAGGGAACACCTGCTTCATGAACTCCCTGCTACAAGGCTGTCTGCCTGCTGCTTTTCATCA
 GGTGGCTGGAAGAGTTCCCTCCAGTACTCCAGGGATCAGAAGGAGCCCCCTCACACCAGTATTTATC
 CTTAACACTCTTGACCTTCTGAAAGCCTTGTCTGCCAAGAAGTTACTGATGATGAGGTCTTAGATGCA
 AGCTGCTTGTGGATGTCTTAAGAATGTACAGATGGCAGATCTCATCATTGAAGAACAGGATGCTCACG
 AATTATCCATGTCATTACCTCGTCATTGGAAGATGAGCGAGACCGCCAGCCTCGGGTACACATTTGTT
 TGATGTGCATTCCCTGGAGCAGCAGTCAGAAATACTCCCAAACAATTACCTGCCGCACAAGAGGGTCA
 CCTCACCTACATCCAATCACTGGAAGTCTCAACATCCTTTTCATGGAAGACTCACTAGTAAATATGGTCT
 GCAAACACTGTGAACACCAGAGTCTGTTTCGATTTGATACCTTTGATAGCCTTCTACTAAGTATCCAGC
 CGCCACATGGGGTCAACCATTGACCCTGGACCCTGCCTTCACTTTCATCTCAGAAATCAGTGCAGG
 GATGTTGTGTGTGACAACGTACAAAGATTGAAGCCAAGGGAACGTTGAACGGGGAAAAGGTGGAACACC
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 GCTGAGCTGGTCCAGCCACGGCACGCCTCTGAAGCGGCATGAGCAGTGCAGTTCAATGAGTTCCTGATG
 ATGGACATTTACAAGTACCACCTCCTTGGACATAAACCTAGTCAACACAACCTAACTGAACAAGAACC
 CAGGGCTACACTGGAGCTGCAGGATGGGCGGGAGCCCCACACCAGTCTGAAATCAGCAGGGGCCCC
 CAAAACACAGATTTTTATGAATGGCGCCTGCTCCCATCTTTATTGCCAACGCTGTCAGCGCCGATGCC
 TTCCCTCTCCAGTTGTTCCCGACTACAGCTCCTCCACATACCTTCCCGCTGATGGCAGTTGTCGTCC
 ACCATGGAGACATGCACTCTGGACACTTTGCACTTACCGACGGTCCCCACCTTCTGCCAGGAACCTCT
 CTCAACTAGCAATCAGTGGCTGTGGTCTCCGATGACACTGTCCGCAAGGCCAGCCTGCAGGAGTCTCTG
 TCCTCCAGCGCTACCTGCTGTTCTACGAGCGCTCCTTCCAGGATGCAGCACCAGAGCCAGGAGTGCA
 AGTCTGAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202538 representing NM_032663
 Red=Cloning site Green=Tags(s)

MLSSRAEAAMTAADRAIQRFLRTGAAVRYKVMKNWGVIGGIAAALAAGIYVIWGPITERKKRRKGLVPGL
 VNLGNTCFMNSLLQGLSACPAFIRWLEEFTSQYSRDQKEPPSHQYLSLTLHLLKALSCQEVTDDEVLDA
 SCLLDVLRMYRWQISSFEEQDAHEL FHVITSSLEDERDRQPRVTHLFDVHSLEQQSEITPKQITCRTRGS
 PHPTSNHWKSQHPPFHGRLTSNMVCKHCEHQSPVRFDTFDSL SLSIPAATWGHPLTDHCLHHFISSESVR
 DVVCDNCTKIEAKGTLNGEKVEHQRTTFVKQLKLGKLPQCLCIHLQRLSWSSHGTPLKRHEHVQFNEFLM
 MDIYKYHLLGHKPSQHNPKLNKNPGPTLELQDGPAPTPLNQPAPKTQIFMNGACSPSLLPTLSAPMP
 FPLPVVDPDYSSSTYL FRLMAVVVHHGDMHSGHFVTYRRSPPSARNPLSTSNQWLWVSDDTVRKASLQEV
 SSSAYLLFYERVLSRMQHQSQECKSEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

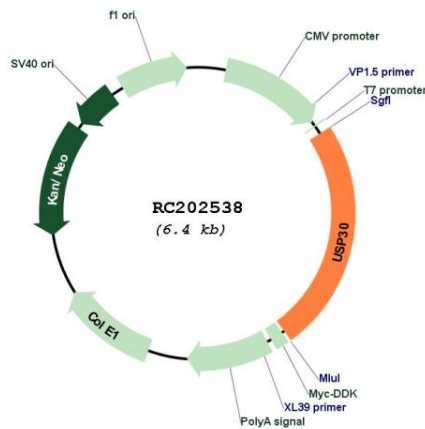
https://cdn.origene.com/chromatograms/mg4666_h01.zip

Restriction Sites:

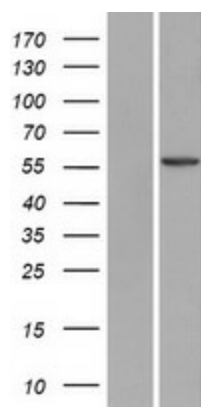
Sgfl-Mlul

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_032663.5
RefSeq Size:	3766 bp
RefSeq ORF:	1554 bp
Locus ID:	84749
UniProt ID:	Q70CQ3
Cytogenetics:	12q24.11
Domains:	UCH
Protein Families:	Protease, Transmembrane
MW:	58.3 kDa
Gene Summary:	USP30, a member of the ubiquitin-specific protease family (see USP1, MIM 603478), is a novel mitochondrial deubiquitinating (DUB) enzyme (Nakamura and Hirose, 2008 [PubMed 18287522]).[supplied by OMIM, Dec 2008]

Product images:



Circular map for RC202538



Western blot validation of overexpression lysate (Cat# [LY409983]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202538 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).