

Product datasheet for **RC224976**

USP17L2 (NM_201402) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	USP17L2 (NM_201402) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	USP17L2
Synonyms:	DUB-3; DUB3; USP17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC224976 representing NM_201402
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGACGACTCACTCTACTTGGGAGGTGAGTGGCAGTTCAACCCTTTTCAAACACTCACATCTTCTC
 GGCCAGATGCAGCTTTTCTGAAATCCAGCGGACTTCTCTCCCTGAGAAGTCACCACTCTCATCTGAGGC
 CCGTGTGACCTCTGTGATGATTTGGCTCCTGTGGCAAGACAGCTTGTCCCAGGAAGAAGCTTCTCTG
 AGTAGCAGGAGACCTGCTGCGGTGGGGCTGGGCTCCAGAATATGGGAAATACCTGCTACGAGAAGCCTT
 CCCTGCAGTGCCTGACATACACACCGCCCTTGCCTCACTACATGCTGTCCGGGAGCACTCTCAAACATG
 TCAGCGTCCCAAGTGTGCATGCTGTACTATGCAAGCTCACATCACATGGGCCCTCCACAGTCTGGT
 CATGTCATCCAGCCCTCACAGGCATTGGCTGCTGGCTTCCATAGAGGCAAGCAGGAAGATGCCCATGAAT
 TTCTCATGTTCACTGTGGATGCCATGAAAAGGCATGCCCTCCCGCCACAAGCAGGTAGATCATCACTC
 TAAGGACACCACCCTCATCCACCAAATATTTGGAGGCTGCTGGAGATCTCAAATCAAGTGTCTCCACTGC
 CACGGGATTTAGACACTTTTGACCCTTACCTGGACATCGCCCTGGATATCCAGGCAGCTCAGAGTGCA
 AGCAAGCTTTGGAACAGTTGGTGAAGCCGAAGAACTCAATGGAGAGAATGCCTATCATTGCGGTCTTTG
 TCTCCAGAGGGCGCCGGCCTCCAAGACGTTAACTTTACACACTTCTGCCAAGTCTCATCTTGTCTTG
 AAGAGATTCTCCGATGTCACAGGCAACAACTTGCCAAGAATGTGCAATATCCTGAGTGCCTTGACATGC
 AGCCATACATGTCTCAGCAGAACACAGGACCTCTGTCTATGTCTCTATGCTGTGCTGGTCCACGCTGG
 GTGGAGTTGTACGACGGACATTACTTCTTATGTCAAAGCTCAAGAAGGCCAGTGGTATAAAATGGAT
 GATGCCAAGGTCCTGCTGTAGCATCACTTCTGTCTGAGTCAACAGGCCTATGTCTCTTTTACATCC
 AGAAGAGTGAATGGAAAGACACAGTGAAGTGTGTCAAGAGGCAGGGAACCAAGACCTCGGCGCTGA
 AGACACAGACAGCGAGCAACGCAAGGAGAGCTCAAGAGAGACCACCCCTGCCTCCAGGCACCCGAGTTG
 GACGAGCGCTTGGTGAAGAGCCACTAGGAAAGCACCTTAGACCACTGGAAATTTCCCAAGAGCAAA
 ACAAACGAAGCCTGAGTTCAACGTGAGAAAAGTGAAGGTACCTGCCTCCCAACGTACTTGTGATTCA
 TCAATCGAAATACAAGTGTGGGATGAAAACCATCATCTGAACAGCAAAGCTCCCTGCTAAACCTCTCT
 TCGACGACCCGGACAGATCAGGAGTCCGTGAACACTGGCACCTCGTCTCTGCAAGGGAGGACCAGGA
 GATCCAAAGGAAGAACAACACAGCAAGAGGGCTCTGCTGTGTGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224976 representing NM_201402
 Red=Cloning site Green=Tags(s)

MEDDSL YLGGWQFNHFSKLTSSRPDAFAEIQRTSLPEKSPLSSEARVDLCDDLAPVARQLAPRKKLPL
 SSRRPAAVGAGLQNMGNTCYENASLQCLTYTPPLANYMLSREHSQTCQRPKCCMLCTMQAHITWALHSPG
 HVIQPSQALAAGFHRGKQEDAHEFLMFTVDAMKKAQLPGHKQVDHHSKDTTLIHQIFGGCWSQIKLCHC
 HGISDTFDPYLDIALDIQAAQSVKQALEQLVKPEELNGENAYHCGLCLQRAPASKTLTLHTSAKVLILVL
 KRFSDVTGNKLAKNVQYPECLDMQPYMSQNTGPLVYVL YAVLVHAGWSCHDGHYF SYVKAQEGQWYKMD
 DAKVTACSITSVLSQAYVLFYIQKSEWERHSESVSRGREPRALGAEDTDRRATQGELKRDHPCLQAPEL
 DERLVERATQESTLDHWKFPQEQNKTKPEFNVRKVEGTLPPNVLVIHQSKYKCGMKNHHPQQSSLLNLS
 STTRTDQESVNTGTLASLQGRTRRSKGNKHSKRALLVCQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8044_h11.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_201402

ORF Size: 1590 bp

OTI Disclaimer: 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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_201402.2](#)

RefSeq Size: 1593 bp

RefSeq ORF: 1593 bp

Locus ID: 377630

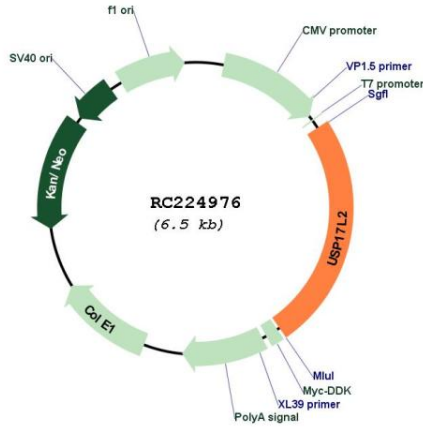
UniProt ID: [Q6R6M4](#)

Cytogenetics: 8p23.1

MW: 59.4 kDa

Gene Summary: DUB3 is a member of the ubiquitin processing protease (UBP) subfamily of deubiquitinating enzymes. See USP1 (MIM 603478) for background information.[supplied by OMIM, Mar 2008]

Product images:



Circular map for RC224976