

Product datasheet for **MR226473**

Usp17la (NM_007887) Mouse Tagged ORF Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Usp17la (NM_007887) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Usp17la |
| Synonyms: | Dub1; USP17-A |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR226473 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGGTTGCTCTTTCCTTCCCAGAAGCAGATCCAGCCCTATCATCTCCTGATGCCCCAGAGCTGCATC
 AGGATGAAGCTCAGGTGGTGGAGGAGCTAACTGTCAATGGAAAGCACAGTCTGAGTTGGGAGAGTCCCCA
 AGGACCAGGATGCGGGCTCCAGAACACAGGCAACAGCTGTACCTGAATGCAGCCCTGCAGTGCTTGACA
 CACACACCACCTCTAGCTGACTACATGTGTCCCAGGAGCACAGTCAAACCTGTTGTTCCCCAGAAGGCT
 GTAAGATGTGTGCTATGGAAGCCATGTGACCCAGAGTCTCCTGCACTCTCACTCGGGGATGTCATGAA
 GCCCTCCCATATTTTACCTCTGCCTCCACAAGCACCAGCAGGAAGATGCCACGAGTTTCTCATGTTT
 ACCTTGGAACAATGCATGAATCCTGCCTCAAGTGCACAGACAATCAAACCCACCTCTGAGGACAGCT
 CACCCATTTCATGACATATTTGGAGGCTGGTGGAGGTCTCAGATCAAGTGTCTCTTTGCCAGGGTACCTC
 AGATACCTATGATTGCTTCTGGACATCCCCCTGGATATCAGCTCAGCTCAGAGTGTAAAGCAAGCCTTG
 TGGGATACAGAGAAGTCAGAAGAGCTATGTGGAGATAATGCCTACTACTGTGGTAAAGTGTAGAGAGAAGA
 TGCCAGCTTCTAAGACCCTGCATGTTTCATATTGCTCCAAAGGTAATCATGGTAGTGTAAATCGTTTCTC
 AGCCTTACCGGTAACAAGTTAGACAGAAAAGTAAAGTACCCGGAGTTTCTTGACCTGAAGCCATACCTG
 TCTGAGCCTACTGGAGGACCTTTGCCTTATGCCCTCTATGCCGTCTGGTCCATGATGGTGGCAGTTCTC
 ACAGTGGACATTACTTCTGTTGTGTCAAAGCTGGTCATGGGAAGTGGTACAAGATGGATGATACTAAAGT
 CACCAGGTGTGATGTGACTTCTGTCTGAATGAGAATGCCTATGTGCTTCTATGTGCAGCAGGCCAAC
 CTCAAACAGGTCAGTATTGACATGCCAGAGGGAAGAATAAATGAGGTTCTTGACCCTGAATACCAGCTGA
 AGAAATCACGGAGAAAAAAGCATAAGAAGAAAAGCCCTTTCACAGAAGATTTAGGAGAGCCCTGCGAAAA
 CAGGGATAAGAGAGCAATTAAGAAACCTCCTTAGGAAAAGGGAAAGTGCTTCAGGAAGTGAACCAAG
 AAAGCTGGGCAGAAACACGGGAATACCAAATCATGCCTCAGAAAACAGAACACCAGAAAAGCTGGGCAGA
 ACCTCAGGAATACTGAAGTTGAACCTGATCTGCCTGCTGATGCAATTGTGATTACCAGCCAGATCCAC
 TGCAAATGGGGCAGGGATTCTCCAGACAAGGAGAATCAACCCTTGACAATGCTGACAGGCTCCTCACC
 TCTCAGGGCCCTGTGAACACTTGGCAGCTCTGTAGACAGGAAGGGAGACGAAGATCGAAGAAGGGGCAGA
 ACAAGAACAAGCAAGGGCAGAGGCTTCTGCTTGTTTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226473 protein sequence
 Red=Cloning site Green=Tags(s)

MVVALSFPEADPALSSPDAPELHQDEAQVVEELTVNGKHSLSWESPQGPGLQNTGNSCYLNAALQCLT
 HTPPLADYMLSQEHSQTCCSPEGCKMCAMEAHVTQSLLSHSGDVMKPSHILTSAFHKHQEDAHEFLMF
 TLETMHESCLQVHRQSKPTSESSPIHDIFFGGWRSQIKCLLCQGTSDTYDCFLDIPLDISSAQSVKQAL
 WDEKSEELCGDNAYYCGKCREKMPASKTLHVHIAPKVLVVNLNRFSAFTGNKLDKRVSYPEFLDLKPYL
 SEPTGGPLPYALYAVLVHDGATSHSGHYFCCVKAGHGKWKMDTKVTRCDVTSVLNENAYVLFYVQQAN
 LKQVSIIDMPEGRINEVLDPYQLKKSRRKHKHKKSPFTEDLGEPCENRDKRAIKETSLGKGKVLQEVNHNK
 KAGQKHGNTKLMPPQKQNHQKAGQNLRNTEVELDLPADAIIVHQPRSTANWGRDSPDKENQPLHNADRLLT
 SQGPVNTWQLCRQEGRRRSKKGQNKQKQRLLLVC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_007887

ORF Size: 1581 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_007887.1](#), [NM_007887.2](#), [NP_031913.1](#)

RefSeq Size: 2661 bp

RefSeq ORF: 1581 bp

Locus ID: 13531

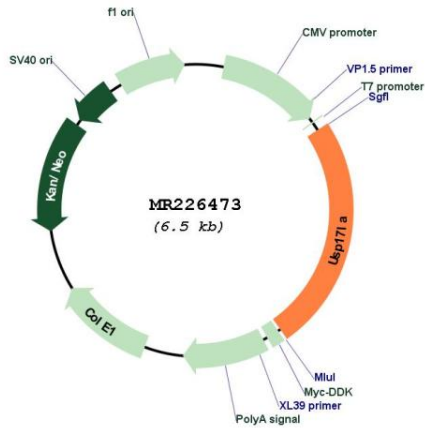
UniProt ID: [Q61068](#)

Cytogenetics: 7 55.69 cM

MW: 59.1 kDa

Gene Summary: Deubiquitinating enzyme that removes conjugated ubiquitin from specific proteins to regulate different cellular processes. Has deubiquitinating enzyme activity for DNAH5, suggesting a role in the regulation of DNAH5 degradation by the ubiquitin-proteasome pathway. Has growth-suppressing activity; induces arrest in G1 phase upon controlled expression.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226473