

Product datasheet for **MG215468**

Usp17lb (NM_201409) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Usp17lb
Synonyms:	DUB-1A; Dub1a; USP17-B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >MG215468 representing NM_201409
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGGTTGCTCTCCTTCCAGAAGCAGATCCAGCCATGTCACCTCCTAGTGCCCCAGAGCTGCATC
AGGATGAAGCCCAGGTGGTAGAGGAGCTGGCTGCCAATGGAAGCACAGTCTGAGTTGGGAGAGTCCCCA
AGGACCAGGATGCGGGCTCCAGAACACAGGCAACAGCTGCTACCTGAATGCAGCCCTGCAGTGTGACA
CACACACCACCTCTAGCTGACTACATGTGTCCAGGAGCACAGTCAAACCTGTTGTTCCCCAGAAGGCT
GTAAGATGTGTGCTATGGAAGCCCATGTGACCCAGAGTCTCCTGCACACCACCTCAGGGGATGTTATGAA
GCCCTCCAGAATTTGACCTCTGCCTTCCACAAGCGCAAGCAGGAAGATGCCCATGAGTTTCTCATGTTC
ACCTTGAAAACAATGCATGAATCCTGCCTTCAAGTGACAGACAATCAGAACCCACCTCTGAGGACAGCT
CACCCATTCATGACATATTTGGAGGCTGGTGGAGGTCTCAGATCAAGTGTACCCTGCCAGGGCACCTC
ATATTCCTATGATCCCTCCTGGACATCCCCTGGATATCAGCTCAGTTCAGAGTGTGAAGCAAGCCTTG
CAGGATACAGAGAAGGCAGAAGAGCTATGTGGGAGAATTCCTACTACTGTGGTAGGTGTAGACAAAAGA
AGCCAGCTTCCAAGACCCTAAAGCTTTATAGTGCCCCAAAGGTAATCATGCTAGTGTAAAGCGCTTTTC
GGGCTCTATGGGTAAAAAGTTGGACAGAAAAGTAAAGTACCCAGAGTTCCTTGACCTGAAGCCATACCTG
TCCCAGCCTACTGGAGGGCCTTTGCCTTATGCCCTCTATGCCGCTCCTGGTCCATGAAGGTGCAACTGTG
ACAGTGGACATTACTTCTGTTGTGTCAAAAGCTGGCCATGGGAAGTGGTACAAGATGGATGATACTAAGGT
CACCAGCTGTGATGTGACTTCTGCTCTGAATGAGAATGCCTATGTGCTTCTCTATGTGCAGCAGAATGAC
CTCAAAAAGGGTAGTATCAACATGCCAGAGGGCAGAATACATGAGGTTCTTGATGCCAAATACCAGCTGA
AGAAATCAGGGGAAAAAAGCATAATAAAAGCCCTTGACAGAAGATGCAGGAGAGCCCTGCGAAAACAG
GGAGAAGAGATCATCAAAGAAACCTCCTTAGGGGAGGGGAAAGTTCTTCAGGAACAGGACCACCAGAAA
GCTGGGCAGAAAACAAGAGAATACAAAACCTCAGGCTCAGGAACAGAACCAGGAAAAGGTGGGCAGAAC
TCAGGAATACTGAAGGTGAACCTGATCGACTCAGTGGTGAATGTGGTTACCAACCTATATGCACTGC
AAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215468 representing NM_201409
Red=Cloning site Green=Tags(s)

MVVALSFPEADPAMSPPSAPELHQDEAQQVVEELAANGKHSLSWESPQGPGLQNTGNSCYLNAALQCLT
HTPPLADYMLSQEHSQTCCSPEGCKMCAMEAHVTQSLHHTHSGDVMKPSQNLTSAFHKRQKQEDAHEFLMF
TLETMHESCLQVHRQSEPTSEDSSPIHDIFGGWWSQIKCHHCQGTSSYSYDPFLDIPLDISSVQSVKQAL
QDTEKAEELCGENSYCGRCRQKPKASKTLKLYSAPKVLMLVLKRFSGSMGKLDKRVSYPEFLDLKPYL
SQPTGGPLPYALYAVLVHEGATCHSGHYFCCVKAGHGKWKYKMDTKVTSQDVTSVLNENAYVLFYVQQND
LKKGSINMPEGRIHEVLDAKYQLKKSGEKHNKSPCTEDAGEPCENREKRSSKETSLGEGKVLQEVDHQK
AGQKQENTKLTPEQNHEKGGQNLNTEGELDRLSGAIVVYQPICTAN

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:


ACCN: NM_201409

ORF Size: 1404 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:

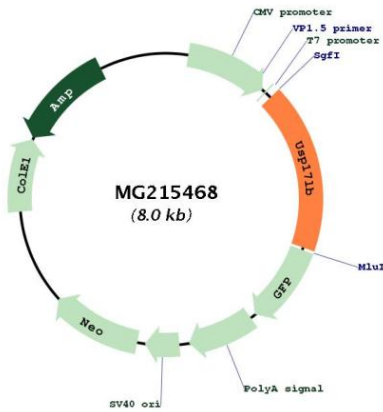
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_201409.3](#)

RefSeq Size:	1407 bp
RefSeq ORF:	1407 bp
Locus ID:	381944
UniProt ID:	E9Q9U0
Cytogenetics:	7 E3
Gene Summary:	Deubiquitinating enzyme that removes conjugated ubiquitin from specific proteins to regulate different cellular processes.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215468