

## Product datasheet for MR219785

### Ulbp1 (NM\_029975) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ulbp1 (NM_029975) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ulbp1
Synonyms:	A430108B07Rik; MULT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219785 representing NM_029975 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCTGACTGCCAGTAACAAGGTCCTTTCCTGCTGCTTGCCCTGCTGTGCCTGCTGTCTGTCTGTCTGTC  
TGTGTCCAAGGATAGAAGAGACTGCTTCTCTTTGTAACATTTACAAGGTTAACAGGTCAGAGTCTGGACA  
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GCCATTGGTGCTCATAGGAACAGCATGAATGCTACAAAGATCTGTGAAAAAGAGGTTGACACTCTGAAA  
ATGGAATTGACATTTTCAAAGGCTGCTGCTTACATAGTGCAGGAGACTAACACAACCGGAAAGCCCT  
CACTCTGCAGGCTGAGGTGTGTGCCAGTATGAAGTAGACAAACATTTACAGGATACGCCATTGTTAGC  
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AGAAGTTTATAGAAATGTGCAAGGAAGCAAGGTTTTAGCTGCCTTTTTAAAGAAGACTACAGAGGGCGA  
CTGCAGGACCTGGCTTGATGAGCTCATGTTGCACTGGAAAGAACATCTGGAGCCTGCAGGATCTTTCAGT  
ACCTTGATGATTATTCTATGCGTGATTGCAATGCCTTTCTCGGATTGATCTTCGGAGTCTCTTGTAAT  
TAAGACATTTACGTACAAAAAGATTGGCCTGCAGTCCACCACCACCTCTCTGGATGACTCTTTGAC  
AGTGCCTACTTCACCACAATCCAGTGTATGTGGAACATGATTCAATGTCTCTGTCCCTCGGAAGTTGAAG  
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AGACGATATTGATGGGATCCCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR219785 representing NM\_029975

Red=Cloning site Green=Tags(s)

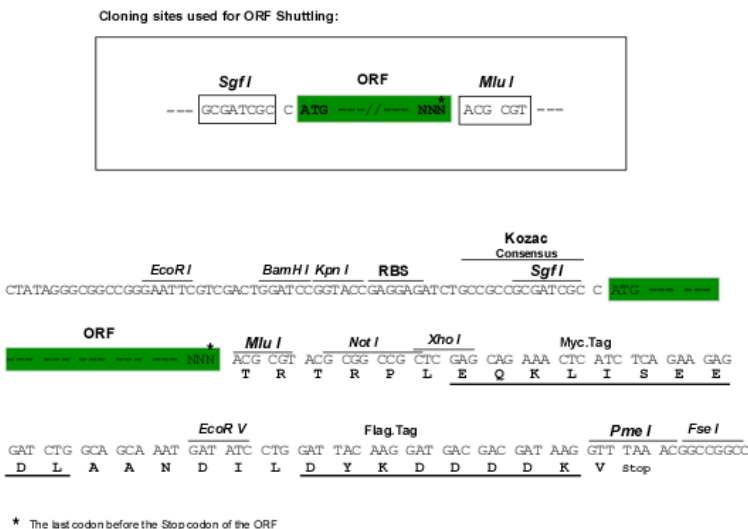
MELTASNKVLSCCLSLCLL SVCLCPRIEETASLCNIYKVNRSSESGQHSHEVQGLLNRQPLFVYKDKKCH  
 AIGAHNRSMNATKICEKEVDLTKDGDIDFKLLHLHIVQETNTTGKPLTLQAEVCGQYEVDKHFTGYAIVS  
 LNGKNIFRVDSTGNWTQLDHEFEKFIEMCKEDKVLAAFLKKTTEGDCRTWDELMLHWKEHLEPAGSFS  
 TLMIIILCVIAIAFLGLIFGVSKLRHLRTRKIGLQSSPPPLLDLSTVPTSPQSSVCGTMIQCLCPRKLLK  
 SPVFMQIDLQSSAPPLLDLSTVPETCSVKKEDEFPTASQNSVLLTSDDDIDGIP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9020\\_d10.zip](https://cdn.origene.com/chromatograms/mm9020_d10.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_029975

**ORF Size:** 1002 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\\_029975.2](#), [NP\\_084251.1](#)

**RefSeq Size:** 1819 bp

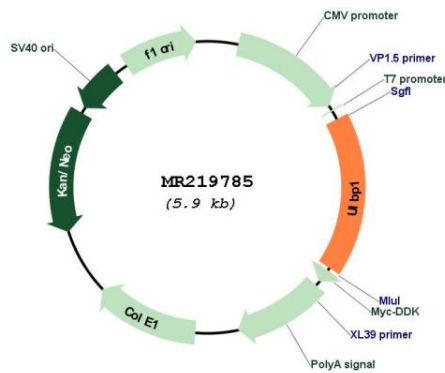
**RefSeq ORF:** 1005 bp

**Locus ID:** 77777

**Cytogenetics:** 10 A1

**MW:** 37.5 kDa

**Product images:**



Circular map for MR219785