

Product datasheet for **RR207741**

Ublcp1 (NM_001014117) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ublcp1 (NM_001014117) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ublcp1
Synonyms: RGD1310386
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207741 representing NM_001014117
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCACTCCCCATCATTGTGAAATGGGGTGGCAGGAATACTCGGTGACCACGCTCTCAGAGGATGACA
CTGTGCTGGATCTCAAGCAGTTCCTCAAGACCCTTACAGGAGTGCTCCAGAGCGCCAGAAATTACTAGG
GCTCAAAGTAAAAGGCAAACCTGCAGAAAATGATGTTAAGCTTGGAGCTCTCAAACCTGAAACCAAACT
AAAATCATGATGATGGGAACTCGTGAGGAGAGCTTGAAGATGTCTTATGTCTCCCTGACAATGATG
ATGTCATCAATGATTTTGACATTGAAGATGAAGTAGTTGAAGTAGAAAATAGGGAAGAAAACCTATTGAA
GATCTCTCGCAGGGTCAAGGAGTACAAGGTGGAAGTGCTGAACCCCTCCAGGGAAGGGAAGAAGCTTCTG
GTGCTGGATGTTGATTATACGCTATTTGATCATAGGTCTTGTGCAGAGACTGGGGTAGAGTTAATGAGGC
CATATCTTCATGAATTTCTAACATCTGCATATGAAGATTATGACATTGTTATTTGGTCTGCAACAAATAT
GAAGTGGATTGAAGCTAAAATGAAAGAGCTGGGAGTGAGCACTAATGCCAACTATAAGATTACCTTCATG
CTAGACAGTGCCGCCATGATAACTGTGCACACACCACGGAGGGGCTCATTGACGTGAAGCCTCTTGGTG
TCATTTGGGAAAGTTTCTGAATCTACAGCAAAAAAACACCATTATGTTTGATGACATAGGAAGAAA
TTTTCTAATGAACCCACAAAATGGACTGAAGATACGGCCTTTTCATGAAAGCTCATCTAAATCGTGATAAA
GACAAGGAACTGGTGAAGCTCACTCAGTACCTCAAGGAGATAGCCAAGCTTGATGACTTCTGGAGCTGA
ATCACAAGTACTGGGAACGGTATCTATCTAAGAAGCAAGGACAG

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ACAAGGATGACGACGATAAGGTTTAA



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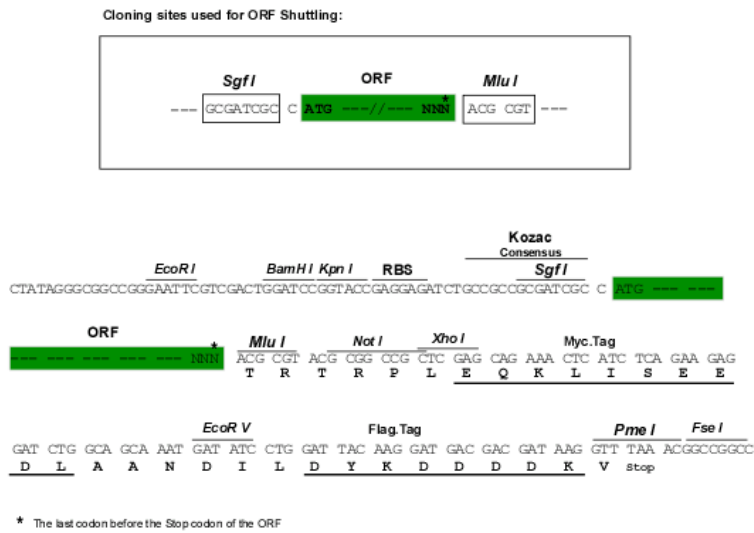
Protein Sequence: >RR207741 representing NM_001014117
 Red=Cloning site Green=Tags(s)

MSLP IIVKGGQ EYSVTTL SEDDTVLDL KQFLKLT LGVLP ERQKLL GLKVK GKPAENDVKLGALKLK PNT
 KIMMMGT REESLEDVLC PPPDNDVDV INDFDIEDEVVEVEN REENLLKISR RVKEYKVEVLNPPREGKLL
 VLDVDYTLFDHRSCAETGV ELMRPLYLHEFLT SAYEDYDIVIWSATNMK WIEAKMKELGVSTNANYKITFM
 LDSAAMITVHTPRRGLIDVKPLGVIWGFSEFY SKKNTIMFDDIGRNFLMNPQNLKIRPFMKAHLNRDK
 DKELVKLTQYLKEIAKLDDFLELNHKY WERYLSKKQGG

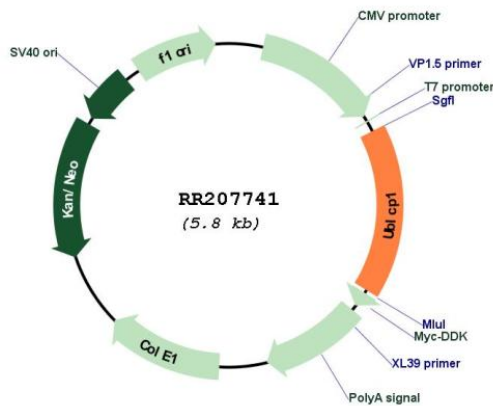
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001014117

ORF Size: 954 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:	<ol style="list-style-type: none">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_001014117.1 , NP_001014139.1
RefSeq Size:	2115 bp
RefSeq ORF:	957 bp
Locus ID:	360514
UniProt ID:	Q5FWT7
Cytogenetics:	10q21
MW:	36.9 kDa
Gene Summary:	Dephosphorylates 26S nuclear proteasomes, thereby decreasing their proteolytic activity. The dephosphorylation may prevent assembly of the core and regulatory particles (CP and RP) into mature 26S proteasome (By similarity).[UniProtKB/Swiss-Prot Function]