

Product datasheet for RN207741

Ublcp1 (NM_001014117) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ublcp1 (NM_001014117) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ublcp1
 Synonyms: RGD1310386
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN207741 representing NM_001014117
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCACTCCCCATCATTGTGAAATGGGGTGGGCAGGAATACTCGGTGACCACGCTCTCAGAGGATGACA
 CTGTGCTGGATCTCAAGCAGTTCCTCAAGACCCTTACAGGAGTGCTCCAGAGCGCCAGAAATTACTAGG
 GCTCAAAGTAAAAGGCAAACCTGCAGAAAATGATGTTAAGCTTGGAGCTCTCAAACCTGAAACCAAATACT
 AAAATCATGATGATGGGAACCTCGTGAGGAGAGCTTGAAGATGTCTTATGTCTCCCCCTGACAATGATG
 ATGTCATCAATGATTTTACATTGAAGATGAAGTAGTTGAAGTAGAAAATAGGGAAGAAAACCTATTGAA
 GATCTCTCGCAGGGTCAAGGAGTACAAGGTGGAAGTGCTGAACCCCTCCAGGGAAGGGAAGAAGCTTCTG
 GTGCTGGATGTTGATTATACGCTATTTGATCATAGGTCTTGTGCAGAGACTGGGGTAGAGTTAATGAGGC
 CATATCTTCATGAATTTCTAACATCTGCATATGAAGATTATGACATTGTTATTTGGTCTGCAACAAATAT
 GAAGTGGATTGAAGCTAAAATGAAAGAGCTGGGAGTGAGCACTAATGCCAACTATAAGATTACCTTCATG
 CTAGACAGTGCCCATGATAACTGTGCACACACCACGGAGGGGCTCATTGACGTGAAGCCTCTTGGTG
 TCATTTGGGAAAGTTTCTGAATCTACAGCAAAAAAACACCATTATGTTTGTGATGACATAGGAAGAAA
 TTTTCTAATGAACCCACAAAATGGACTGAAGATACGGCCTTTCATGAAAGCTCATCTAAATCGTGATAAA
 GACAAGGAACTGGTGAAGCTCACTCAGTACCTCAAGGAGATAGCCAAGCTTGATGACTTCTGGAGCTGA
 ATCACAAGTACTGGGAACGGTATCTATCTAAGAAGCAAGGACAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001014117
 Insert Size: 957 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001014117.1</u> , <u>NP_001014139.1</u>
RefSeq Size:	2115 bp
RefSeq ORF:	957 bp
Locus ID:	360514
UniProt ID:	<u>Q5FWT7</u>
Cytogenetics:	10q21
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]