

# Recombinant Human UBLCP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** UBLCP1-1798H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | UBLCP1 MS Standard C13 and N15-labeled recombinant protein (NP_659486) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | 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.                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 36.6 kDa                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MALPIIVKWGGQEYSVTTLSEDDTVLDLKQFLKTLTGVLPERQKLLGLKVKGKPAEN<br>DVKLGALKLKPNTKIMMMGTREESLEDVLGPPPDNDVVDNDFDIEDEVVEVENREE<br>NLLKISRRVKEYKVEILNPPREGKLLVLDVDYTLFDHRSCAETGVELMRPYLHEFLT<br>SAYEDYDIVIWSATNMKWIEAKMKELGVSTNANYKITFMLDSAAMITVHTPRRGLIDV<br>KPLGVIWGGKFSEFYSSKNTIMFDDIGRNFLMNPQNGLKIRPFMKAHLNRDKDKELLK<br>LTQYLKEIAKLDDFLDLNHKYWERYLSKKQGQTRTRPLEQKLISEEDLAANDILDYKD<br>DDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                           |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                                                        |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** UBLCP1 ubiquitin-like domain containing CTD phosphatase 1 [ Homo sapiens (human) ]

**Official Symbol** UBLCP1

**Synonyms** UBLCP1; ubiquitin-like domain containing CTD phosphatase 1; ubiquitin-like domain-containing CTD phosphatase 1; CPUB1; CTD phosphatase like with ubiquitin domain 1; MGC10067; nuclear proteasome inhibitor UBLCP1; CTD phosphatase-like with ubiquitin domain 1; CTD-like phosphatase domain-containing protein; FLJ25267;

**Gene ID** 134510

**mRNA Refseq** NM\_145049

**Protein Refseq** NP\_659486

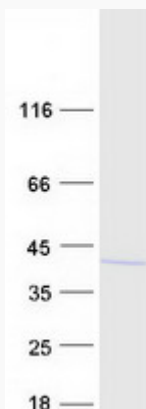
**MIM** 609867

**UniProt ID** Q8WVY7

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**SDS-PAGE**

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