

UBLCP1, 1-318aa , Human, His tag, E.coli

Cat.NO.: TP04404

3th Edition

Synonyms:Ubiquitin-like domain-containing CTD phosphatase 1 , CPUB1

Description:UBLCP1 also known as ubiquitin-like domain-containing CTD phosphatase 1. This protein 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. Recombinant human UBLCP1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

Molecular Weight:39.2kDa (341aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMALPIIVKWGGQEYSVTTLSEDDTVLDLKQFLKTLTGVLPERQKLLGLKVKG
KPAENDVKLGALKLKPNTKIMMMGTREESLEDVLGPPPDNDDVVNDFDIEDEVVEVENREENLLKISRRVKEYKVEI
LNPPREGKKLLVLDVDYTLFDHRSCAETGVELMRPYLHEFLTSAYEDYDIVIWSATNMKWIEAKMKELGVSTNANYK
ITFMLDSAAMITVHTPRRGLIDVKPLGVIWGFSEFYSSKNTIMFDDIGRNFLMNPQNGLKIRPFMKAHLNRDKDKEL
LKLTQYLKEIAKLDDFLDLNHKYWERYLSKKQGQ

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.