

Recombinant human UBLCP1 protein

Catalog Number: ATGP3064

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-318aa

UniProt No.

Q8WVY7

NCBI Accession No.

NP_659486

Alternative Names

Ubiquitin-like domain-containing CTD phosphatase 1, CPUB1

PRODUCT SPECIFICATION

Molecular Weight

39.2 kDa (341aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

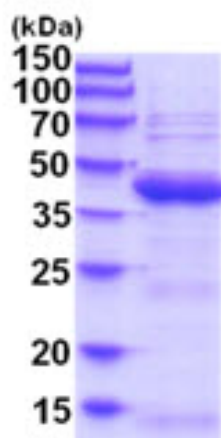
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EILNPPREGK KLLVLDVDYT LFDHRSCAET GVELMRPYLH EFLTSAYEDY DIVIWSATNM KWIEAKMKEL GVSTNANYKI
TFMLDSAAMI TVHTPRRGLI DVKPLGVIWG KFSEFYSKKN TIMFDDIGRN FLMNPQNGLK IRPFMKAHLN RDKDKELLKL
TQYLKEIAKL DDFLDLNHKY WERYLSKKQG Q

General References

Zheng H., et al. (2005) Biochem. Biophys. Res. Commun. 331:1401-1407

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)