

AR51884PU-S

Human UBLCP1 (1-318, His-tag) - Purified

Alternate names:

Ubiquitin-like domain-containing CTD phosphatase 1

Quantity:

50 µg

Concentration:

0.25 mg/ml (determined by bradford assay)

Background:

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.

Uniprot ID:

[Q8WVY7](#)

NCBI:

[NP_659486](#)

GeneID:

[134510](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

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

Description:

Recombinant human UBLCP1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMLPIIV KWGGQEYSVT TLEDDEVLD LKQFLKTLTG
VLPERQKLLG LKVKGKPAEN DVKLGALKLK PNTKIMMMGT REESLEDVLG PPPDNDVVN
DFDIEDEVVE VENREENLLK ISRRVKEYKV EILNPPREGK KLLVLDVDYT LFDHRSCAET
GVELMRPYLH EFLTSAYEDY DIVIWSATNM KWIEAKMKEL GVSTNANYKI TFMLDSAAMI
TVHTPRRGLI DVKPLGVIWG KFSEFYSKKN TIMFDDIGRN FLMNPQNGLK IRPFMKAHLN
RDKDKELLKL TQYLKEIAKL DDFLDLNHXY WERYLSKKQG Q

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

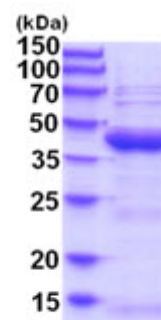
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

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

Pictures:



15% SDS-PAGE (3ug)