

Recombinant Human UBLCP1, His-tagged

Cat. No. UBLCP1-44H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UBLCP1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Form	Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT
Molecular Mass	39.2kDa (341aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMALPIIV KWGGQEYSVT TLSEDDTVLD LKQFLKTLTG VLPERQKLLG LKVKGKPAEN DVKLGALKLK PNTKIMMMGT REESLEDVLG PPPDNDDVFN DFDIEDEVVE VENREENLLK ISRRVKEYKV EILNPPREGK KLLVLDVDYT LFDHRSCAET GVELMRPYLH EFLTSAYEDY DIVWSATNM KWIEAKMKEL GVSTNANYKI TFMLDSAAMI TVHTPRRGLI DVKPLGVIWG KFSEFYSKKN TIMFDDIGRN FLMNPQNGLK IRPFMKAHLN RDKDKELLKL TQYLKEIAKL DDFLDLNHXY WERYLSKKQG Q
Purity	>85% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	UBLCP1 ubiquitin-like domain containing CTD phosphatase 1 [Homo sapiens]
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
Chromosome Location	5q33.3
Function	hydrolase activity; phosphoprotein phosphatase activity;

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