

## Product datasheet for TP300301

### CLPP (NM\_006012) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli) (CLPP), nuclear gene encoding mitochondrial protein, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200301 protein sequence Red=Cloning site Green=Tags(s)

MWPGILVGGARVASCYPALGPRLAAHFPAQRPPQRTLQNGLALQRCLHATATRALPLIPIWEQTGRGE  
RAYDIYSRLLRERIVCVMGPIDDSVASLVIAQLLFLQSESNKKPIHMYINSPGGVVTAGLAIYDTMQYIL  
NPICTWCVGQAASMGSLLLAAGTPGMRHSLPNSRIMIHQPSGGARGQATDIAIQAEEMKLLKQLYNIYA  
KHTKQSLQVIESAMERDRYMSPMEAQEFGLDKVLVHPPQDGEDEPTLVQKEPVEAAPAAEPVPAST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	24.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_006003</a></u>
Locus ID:	8192



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UniProt ID: [Q16740](#)

RefSeq Size: 1194

Cytogenetics: 19p13.3

RefSeq ORF: 831

Synonyms: DFNB81; PRLTS3

**Summary:** The protein encoded by this gene belongs to the peptidase family S14 and hydrolyzes proteins into small peptides in the presence of ATP and magnesium. The protein is transported into mitochondrial matrix and is associated with the inner mitochondrial membrane. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Protease

### Product images:



Coomassie blue staining of purified CLPP protein (Cat# TP300301). The protein was produced from HEK293T cells transfected with CLPP cDNA clone (Cat# [RC200301]) using MegaTran 2.0 (Cat# [TT210002]).