

Product datasheet for TP300301M

OriGene Technologies, Inc.

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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, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC200301 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MWPGILVGGARVASCRYPALGPRLAAHFPAQRPPQRTLQNGLALQRCLHATATRALPLIPIVVEQTGRGE RAYDIYSRLLRERIVCVMGPIDDSVASLVIAQLLFLQSESNKKPIHMYINSPGGVVTAGLAIYDTMQYIL NPICTWCVGQAASMGSLLLAAGTPGMRHSLPNSRIMIHQPSGGARGQATDIAIQAEEIMKLKKQLYNIYA KHTKQSLQVIESAMERDRYMSPMEAQEFGILDKVLVHPPQDGEDEPTLVQKEPVEAAPAAEPVPAST

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: NP 006003

Locus ID: 8192





UniProt ID: Q16740 1194 RefSeq Size: Cytogenetics: 19p13.3 RefSeq ORF: 831

Synonyms: DFNB81; PRLTS3

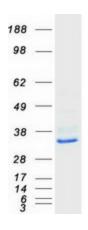
Summary: The protein encoded by this gene belongs to the peptidase family S14 and hydrolyzes proteins

> 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]).