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CLPP, 57-277aa, Human, E.coli

产品货号: TP01649

第三版

别名: Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial, Endopeptidase Clp

描述: CLPP (ATP-dependent Clp protease proteolytic subunit) belongs to the peptidase family S14. CLPP cleaves peptides in various proteins in a process that requires ATP hydrolysis. CLPP, the catalytic core of the Clp proteolytic complex, is widely involved in many cellular processes via the regulation of intracellular protein quality.

配方: Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 2mM DTT, 20% glycerol, 100mM NaCl

分子量: 24.2kDa (222aa), confirmed by MALDI-TOF

序列:

MPLIPIVVEQTGRGERAYDIYSRLLRERIVCVMGPIDDSVASLVIAQLLFLQSESNKKPIHMYINSPGGVVTAGLAIYDTMQY  
ILNPICWCVGQAASMGSLLLAAGTPGMRHSLPNSRIMIHPQSGGARGQATDIAIQAEEMKLLKQLYNIYAKHTKQSLQ  
VIESAMERDRYMSPMEAEQFGILDKVLVHPPQDGEDEPTLVQKEPVEAAPAAEPVPAST

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.