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ppa, 1-176aa, E.coli, His tag, E.coli

产品货号: TP03478

第三版

别名: inorganic pyrophosphatase

描述: Inorganic pyrophosphatase (ppa) belongs to the Ppase family. This protein is an enzyme that catalyzes the conversion of one molecule of pyrophosphate to two phosphate ions. This is a highly exergonic reaction, and therefore can be coupled to unfavorable biochemical transformations in order to drive these transformations to completion.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 50mM NaCl

分子量: 21.9kDa (196aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSLLNVPAGKDLPEDIYVVIEIPANADPIKYEIDKESGALFVDRFMSTAMFYPCNYGYINH
TLSLDGDVPDVLVPTPYLQPGSVIRCRPVGLKMTDEAGEDAKLVAVPHSKLSKEYDHIKDVNDLPELLKAQIAHFFEHY
KDLEKKGWVKVEGWENAEAAKAEIVASFERAKNK

纯度: > 95% by HPLC

浓度: 1mg/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.