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GRPEL1, 28-217aa, Human, His tag, E.coli

产品货号: TP02340

第三版

别名:grpE protein homolog 1, mitochondrial, FLJ25609, HMGE

**描述:**GRPEL1 is an essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. This protein seems to control the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins. Recombinant human GRPEL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,1mM DTT, 10% glycerol

**分子量:**23.6 kDa (211aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMCTATKQKNSGQNLEEDMGQSEQKADPPATEKTLLEEKVKLEEQLKETVEKYKRALAD  
TENLRQRSQKLVEEAKLYGIQAFCKDLLEVADVLEKATQCVPKEEIKDDNPHLKNLYEGLVMTEVQIQKVFTKHGLLKLN  
PVGAKFDPYEHEALFHTPVVEGKEPGTVALVSKVGYKLHGRTLRLPALVGVVKEA

**纯度:**> 95% by HPLC

**浓度:**1 mg/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.