

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

HSP60, 1-573aa, Human, His tagged, Recombinant, E.coli

产品货号: TP02523

第三版

别名: Heat shock 60kDa protein 1, CPN60, GroEL, HSP65, SPG13, HuCHA60

描述: Heat shock protein 60 (HSP60) is a mitochondrial chaperonin that is typically held responsible for the transportation and refolding of proteins from the cytoplasm into the mitochondrial matrix. HSP60 is the ~60kDa mammalian equivalent to GroEL of E.coli. Process of HSP60 is regulated by the cochaperonin HSP10, a single heptameric ring of ~10kD subunits that forms a complex with HSP60. HSP10 coordinates the ATPase activity of the HSP60 subunits to allow the release of bound polypeptide in a manner productive for folding.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 5 mM DTT, 10% glycerol

分子量: 63kDa (593aa)

序列:

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MGSSHHHHHSSGLVPRGSHMLRLPTVFRQMRPVSRLAPHLTRAYAKDVKFGADARALMLQGVDLLADAVAVTMGP
KGRTVIIQSWGSPKVTKDGVTVAKSIDLKDKYKNIGAKLVQDVANNTNEEAGDGTATVLAARSIAKEGFEKISKGANP
VEIRRGVMLAVDAVIAELKKQSKPVTTPEEIAQVATISANGDKEIGNIISDAMKKVGRKGVITVKDGTKLNDELEIIEGMKF
DRGYISPYFINTSKGQKCEFQDAYVLLSEKKISSIQSIVPALEIANAHKPLVIAEDVDGEALSTLVNRLKVGLQVVAVKAP
GFGDNRKNQLKDMAIATGGAVFGEEGLTLNLEDVQPHDLGKVGVEVITKDDAMLLKKGDKAQIEKRIQEIEQLDVTT
SEYEKEKLNLERLAKLSDGVAVLKVGSTSDVEVNEKKDRVTDALNATRAAVEEGIVLGGGCALLRCIPALDSLTPANEDQK
IGIEIHKRTLKIPAMTIAKNAGVEGLIVEKIMQSSSEVGYDAMAGDFVNMVEKGIIDPTKVVRTALLDAAGVASLLTTAEV
VVTEIPKEEKDPGMGAMGGMGGGMGGGMF
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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.