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HSPA5, 19-654aa, Human, His tag, E.coli

产品货号: TP02530

第三版

别名:78 kDa glucose-regulated protein, BIP, GRP78, MIF2

描述:HSPA5 is a member of the heat shock protein 70 (HSP70) family. It is localized in the lumen of the endoplasmic reticulum (ER), and is involved in the folding and assembly of proteins in the ER. As this protein interacts with many ER proteins, it may play a key role in monitoring protein transport through the cell. Recombinant human HSPA5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.

分子量:72.9kDa (659aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSEEDKKEDVGTVVIGIDLGTYSVGVFKNRVEIANDQGNRITPSYVAFTPEGER
LIGDAAKNQLTSNPENTVFDKRLIGRTWNPVSVQQDIKFLPFKVVVEKTKPYIQVDIGGGQTKTFAPEEISAMVLTMKMKE
TAEAYLGKKVTHAVVTVPAYFNDAQRQATKDAGTIAGLNVMRIINEPTAAAIAYGLDKREGEKNILVFDLGGGTFDVSLL
TIDNGVFEVVATNGDTHLGGEDFDQRMVMEHFILYKKKTGKDVVRKDNRAVQKLRRVEKAKRALSSQHARIEIESFYE
GEDFSETLTRAKFEELNMDLFRSTMKPVQKVLEDSDLKKSIDEIVLVGGSTRIPKIQQLVKEFFNGKEPSRGINPDEAVAYG
AAVQAGVLSGDQDTGDLVLLDVCPLTLGIETVGGVMTKLIPRNTVVPTKKSQIFSTASDNQPTVTIKVYEGERPLTKDNH
LLGTFDLTGIPPAPRGVPQIEVTFEIDVNGILRVTAEDKGTGNKNKITITNDQNRLTPEEIERMVNDAEKFAEEDKCLKERI
DTRNELESYAYSLKNQIGDKEKLGKLSSEDKETMEKAVEEKIEWLESHQDADIEDFKAKKKELEEIVQPIISKLYGSAGPPP
TGEEDTAEKDEL

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.