

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。

BIP, 20-650aa, Human, His tag, Hi-5 Cell

产品货号: TP01340

第三版

别名: Binding immunoglobulin protein, HSPA5 (heat shock 70kDa protein 5), GRP78 (glucose-regulated protein, 78kD), MIF2.

描述: Binding immunoglobulin protein (BiP) belongs to the family of ~70 kDa heat shock proteins (HSP 70). It is a stress response protein which is induced by agents or conditions that adversely affect endoplasmic reticulum (ER) function. This protein is essential for the proper glycosylation, folding as well as for the maintenance of cell homeostasis and the prevention of apoptosis.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 200mM NaCl

分子量: 71kDa (640aa)

序列:

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MEEDKKEDVGTVVGIDLGTTYSCVGVFKNGRVEIIANDQGNRITPSYVAFTPEGERLIGDAAKNQLTSNPENTVFDKRLI
GRTWNDPSVQQDIKFLPFKVVVEKKTTPYIQVDIGGGQTKTFAPEEISAMVLTKMKETAAYLGKKVTHAVVTVPAYFND
AQRQATKDAGTIAGLNVMRIINEPTAAAIAYGLDKREGEKNILVFDLGGGTFDVSLLTIDNGVFEVATNGDTHLGGEDF
DQRVMEHFILYKKKTGKDVRKDNRAVQQLRREVEKAKRALSSQHQARIEIESFYEGEDFSETLTRAKFEELNMDLFRSTM
KPVQKVLESDLKKSIDEIVLVGGSTRIPKIQQLVKEFFNGKEPSRGINPDEAVAYGAAVQAGVLSGDQDTGDLVLLDVC
PLTLGIETVGGVMTKLIPRNTVVPTKKSQIFSTASDNQPTVTIKVYEGERPLTKDNHLLGTFDLTGIPPAPRGVQPQIEVTFEI
DVNGILRVTAEDKGTGNKNKITITNDQNRLTPEEIERMVNDAEKFAEEDKCLKKERIDTRNELESYAYSLKNQIGDKEKLG
KLSSDKETMEKAVEEKIEWLESHQDADIEDFKAKKKELEEIVQPIISKLYGSAGPPPTGEEDTAELEHHHHHHH
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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.