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HSP90B1(GRP94), 22-803aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02528

第三版

别名:94 kDa glucose-regulated protein, HSP90B1, GP96, TRA1, Tumor rejection antigen 1

描述:GRP94, also known as Heat shock protein 90kDa beta, member 1 (HSP90B1), is an abundant resident endoplasmic reticulum (ER) luminal stress protein which together with cytosolic Hsp90 belongs to the Hsp90 family of molecular chaperones. It plays an important role in maintaining protein homeostasis in the secretory pathway. Also, GRP94 can function in the intracellular trafficking of peptides from the extracellular space to the MHC class I antigen processing pathway of antigen presentation cells.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT,1 mM EDTA, 0.1 M NaCl, 10% glycerol

分子量:94.4 kDa (819aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMDDEVDVDGTVEEDLGKSREGSRTDDEVVQREEEAIQL
DGLNASQIRELREKSEKFAFQAEVNRMMKLIINSLYKNKEIFLRELISNASDALDKIRLISLTDENALSGNEELTVKIKCDKEK
NLLHVTDTGVGMTREELVKNLGTIAKSGTSEFLNKMTEAQEDGQSTSELIGQFGVGFYSAFLVADKVIIVTSKHNNDTQHI
WESDSNEFSVIADPRGNTLGRGTTITLVLKEEASDYLELDTIKNLVKKYSQFINFPIYVWSSKTETVEEPMEEEEAAKEEKEES
DDEAAVEEEEEKKPKTKKVEKTVWDWELMNDIKPIWQRPSKEVEEDEYKAFYKFSKESDDPMAYIHFTAEGEVTFKSIL
FVPTSAPRGLFDEYGSKKSDYIKLYVRRVFITDDFHDMMPKYLNFKGVVDSDDLPLNVSRETLQQHKLLKVIKLLVVRKT
LDMIKKIADDKYNDTFWKEFGTNIKLGVIEDHSNRTRLAKLLRFQSSHPTDITSLDQYVERMKEKQDKIYFMAGSSRKEA
ESSPFVERLLKGYEVIYLTPEVDEYCIQALPEFDGKRFQNVAKEGVKFDSEKTKESREAVEKEFEPLLNWMKDKALKDKI
EKAVVSQRLTESPCALVASQYGSWGNMERIMKAQAYQTGKDISTNYYASQKKTFEINPRHPLIRDMLRRIKEDDDKTVL
DLAVVLFETATLRSGYLLPDTKAYGDRIERMLRSLNIDPAKVEEPEEPEETAEDTTEDTEQDEDEEMDVGTDDEEEETA
KESTA EKDEL

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.