

## Heat Shock Protein 90kDa Beta (GRP94) Member 1 Human Recombi-

<b>Item Number</b>	rAP-3431
<b>Synonyms</b>	ECGP, GP96, TRA1, GRP94, HSP90B1, Endoplasmic, Heat shock protein 90 kDa beta member 1, 94 kDa glucose-regulated protein, gp96 homolog, Tumor rejection antigen 1.
<b>Description</b>	HSP90B1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 819 amino acids (22-803 a.a.) and having a molecular mass of 94.4 kDa.HSP90B1 is expressed with a 36 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P14625
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMDDE VDVDGTVEED LGKSREGSRT DDEVVQREEE AIQLDGLNAS QIRELREKSE KFAFQAEVNR MMKLIINSLY KNKEIFLREL ISNASDALDK IRLISLTDEN ALSGNEELTV KIKCDKEKNL LHVTDTGVGM TREELVKNLG TIAKSGTSEF LNKMTEAQED GQSTSELIGQ FGVGFYSAFL VADKVIVTSK HNNDTQHIWE SDSNEFSVIA DPRGNTLGRG TTITLVLKEE ASDYLELDTI KNLVKKYSQF INFPIYVWSS KTETVEEPME EEEAAKEEKE ESDDEAAVEE EEEEKPKTK KVEKTVWDWE LMNDIKPIWQ RPSKEVEEDE YKAFYKFSK ESDDPMAYIH FTAEGEVTFK
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The GRP94 protein solution (1mg/ml) contains 20mM Tris-HCl, pH-8, 1mM EDTA, 0.1M NaCl, 1mM DTT and 10% Glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**