

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

Item Number	rAP-3424
Synonyms	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.
Description	HSP90B1 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Asp22-Glu798) containing a total of 789 amino acids, having a calculated molecular mass of 90.9kDa. HSP90B1 is fused to a 2 aa N-terminal linker, a 4 aa C-terminal linker and a 6 aa His tag at C-Terminus.
Uniprot Accession Number	P14625
Amino Acid Sequence	ASDDEVDVDG TVEEDLGKSR EGSRTDDEVV QREEEAIQLD GLNASQIREL REKSEKFAFQ AEVNRMMKLI INSLYKNKEI FLRELISNAS DALDKIRLIS LTDENALSGN EELTVKIKCD KEKNLLHVTD TGVGMTREEL VKNLGTIAKS GTSEFLNKMT EAQEDGQSTS ELIGQFGVGF YSAFLVADKV IVTSKHNDT QHIWESDSNE FSVIADPRGN TLGRGTTITL VLKEEASDYL ELDTIKNLVK KYSQFINFPI YVWSSKTETV EEPMEEEEEAA KEEKEESDDE AAVEEEEEEEK KPCTKKVEKT VWDWELMNDI KPIWQRPSKE VEEDEYKAFY KSFSKESDDP MAYIHFTAEG EVTFKSILFV PTSAPRGLFD EYGSKKSDYI
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.
Formulation and Purity	HSP90B1 was filtered (0.4 µm) and lyophilized in phosphate buffered saline (PBS) pH 8.0, 1% (w/v) Sucrose and 4% (w/v) Mannitol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. HSP90B1 is not sterile! Please filter the product by an appropriate sterile filter before use.
Biological Activity	
Shipping Format and Condition	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**