

# Human HSP90B1 Recombinant Protein



RPPB5241

## Product Information Protein Information

### Product SKU:

RPPB5241

### Accession:

P14625

### Host:

HEK 293.

### Protein 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.

### Appearance:

Filtered White lyophilized (freeze-dried) powder.

### 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.

### Formulation:

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.

### Purity:

Greater than 90.0% as determined by SDS-PAGE.

### 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 using it in the cell culture.

### Stability:

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.

### Amino Acid Sequence:

ASDDEVVDVG TVEEDLGKSR EGSRTDDEVV QREEEAIQLD GLNASQIREL REKSEKFAFQ AEVNRMMKLI  
INSLYKNKEI FLRELISNAS DALDKIRLIS LTDENALSGN EELTVKIKCD KEKNLLHVTG TGVGMTREEL  
VKNLGTIAKS GTSEFLNKM T EAQEDGQSTS ELIGQFGVGF YSAFLVADKV IVTSKHNNDT QHIWESDSNE  
FSVIADPRGN TLGRGTTITL VLKEEASDYL ELDTIKNLVK KYSQFINFPI YVWSSKTETV EEPMEEEAAA  
KEEKEESDDE AAVEEEEEEEK KPKTKKVEKT VWDWELMNDI KPIWQRPSKE VEEDEYKAFY KSFSKESDDP  
MAYIHFTAEG EVTFKSILFV PTSAPRGLFD EYGSKKSDYI KLYVRRVFIT DDFHDMMPKY LNFVKGVVDS  
DDLPLNVSRE TLQQHKLLKV IRKKLVKRTL DMIKKIADDK YNDTFWKEFG TNIKLGVIED HSNRTRLAKL  
LRFQSSHHPT DITSLDQYVE RMKEKQDKIY FMAGSSRKEA ESSPFVERLL KKGVEVIYLT EPVDEYCIQA  
LPEFDGKRFQ NVAKEGVKFD ESEKTESRE AVEKEFEPLL NWMKDKALKD KIEKAVVSQR LTESPCALVA  
SQYGWSGNME RIMKAQAYQT GKDISTNYA SQKKTFEINP RHPLIRDMRL RIKEDEDDKT VLDLAVVLFE  
TATLRSGYLL PDKAYGDRI ERMLRLSLNI DPDAKVEEEP EEEPEETAED TTEDTEQDED EEMDVGTDDE  
ETAKESTAE G PKLHHHHHHH.