

Human HSPA1B Recombinant Protein



RPPB5242

Product Information Protein Information

Product SKU:

RPPB5242

Accession:

P0DMV9

Host:

Escherichia Coli.

Protein description:

The HSPA1B Protein Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 650 amino acids having a molecular mass of 71.16kDa. HSPA1B is fused to a 10 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Heat shock 70kDa protein 1B, HSP70-2, HSP70-1/HSP70-2, FLJ54328, HSPA1A, heat shock 70kDa protein 1A/1B, HSPA1.

Formulation:

The protein was filtered (0.4µm) and lyophilized from a 0.5mg/ml solution containing 50mM phosphate buffer, 75mM NaCl, pH 7.4.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Lyophilized HSPA1B although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution HSPA1B should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MKHHHHHHAS AKAAAIGIDL GTTSCVGVF QHGKVEIAN DQGNRTTPSY VAFTDTERLI GDAAKNQVAL
NPQNTVFDK RLIGRKFGDP VVQSDMKHWP FQVINDGDKP KVQVSYKGET KAFYP EEISS MVLTKMKEIA
EAYLGYPVTN AVITVPAYFN DSQRQATKDA GVIAGLNVLR IINEPTAAAI AYGLDRTGKG ERNVLIFDLG
GGTFDVSILT IDDGIFEVKA TAGDTHLGGEDFDNRLVNHV VEEFKRKHKK DISQNKRAVR RLRTACERAK
RTLSSSTQAS LEIDSLFEGI DFYTSITRAR FEELCSDLFR STLEPVEKAL RDAKLDKAQI HDLVLVGGST
RIPKVQKLLQ DFFNGRDLNK SINPDEAVAY GAAVQAAILM GDKSENVQDL LLDVAPLSL GLETAGGVM T
ALIKRNSTIP TKQTQIFTTY SDNQPGVLIQ VYGERAMTK DNNLLGRFEL SGIPPAPRGVPQIEVTFDID
ANGILNVTAT DKSTGKANKI TITNDKGRSL KEEIERMVQE AEKYKAEDEV QRERVSARKNA LESYAFNMKS
AVEDEGLK GK ISEADKKKVL DKCQEVISWL DANTLAEKDE FEHKKRKELEQ VCNPIISGLY QGAGGPGPGG
FGAQGPKGGS GSGPTIEEVD.