

Recombinant Human HSP90B1 protein, GST-tagged

Cat. No. HSP90B1-5643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSP90B1 protein(1-315 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-315 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MRALWVLGLCCVLLTFGSVRADDEVVDVGTVEEDLGKSREGSRTDDEVVQREEEAI QLDGLNASQIRELREKSEKFAFQAEVNRMMKLIINSLYKNKEIFLRELISNASDALDKI RLISLTDENALSGNEELTVKIKCDKEKNLLHVTDTGVGMTREELVKNLGTIAKSGTSE FLNKMTEAQEDGQSTSELIGQFGVGFYSAFLVADKVIVTSKHNNDTQHIWESDSNEF SVIADPRGNTLGRGTTITLVLKEEASDYLELDTIKNLVKKYSQFINFPIYVWSSKTETV EPMEEEEAAKEEKEESDDEAAARRR
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name HSP90B1 heat shock protein 90kDa beta (Grp94), member 1 [Homo sapiens]

Official Symbol HSP90B1

Synonyms HSP90B1; heat shock protein 90kDa beta (Grp94), member 1; TRA1, tumor rejection antigen (gp96) 1; endoplasmin; GP96; GRP94; GRP-94; gp96 homolog; tumor rejection antigen 1; 94 kDa glucose-regulated protein; Tumor rejection antigen-1 (gp96); tumor rejection antigen (gp96) 1; glucose regulated protein, 94 kDa; endothelial cell (HBMEC) glycoprotein; heat shock protein 90 kDa beta member 1; ECGP; TRA1;

Gene ID 7184

mRNA Refseq NM_003299

Protein Refseq NP_003290

MIM 191175

UniProt ID P14625

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SDS-PAGE



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