

Recombinant Mouse Hsp90b1 Protein, Myc/DDK-tagged

Cat. No. Hsp90b1-3449M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length heat shock protein 90, beta (Grp94), member 1 (Hsp90b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Molecular chaperone that functions in the processing and transport of secreted proteins. When associated with CNPY3, required for proper folding of Toll-like receptors. Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity. May participate in the unfolding of cytosolic leaderless cargos (lacking the secretion signal sequence) such as the interleukin 1/IL-1 to facilitate their translocation into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) and secretion; the translocation process is mediated by the cargo receptor TMED10.
Molecular Mass	92.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Hsp90b1 heat shock protein 90, beta (Grp94), member 1 [Mus musculus (house mouse)]

Official Symbol Hsp90b1

Synonyms HSP90B1; heat shock protein 90, beta (Grp94), member 1; endoplasmin; tumor rejection antigen gp96; 94 kDa glucose-regulated protein; tumor rejection antigen (gp96) 1; polymorphic tumor rejection antigen 1; heat shock protein 90 kDa beta member 1; endoplasmic reticulum resident protein 99; transforming growth factor alpha regulated gene 2; TA-3; Tra1; gp96; ERp99; GRP94; Targ2; Tra-1

Gene ID 22027

mRNA Refseq NM_011631

Protein Refseq NP_035761

UniProt ID P08113

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA