



# Recombinant Human Endoplasmic (HSP90B1), partial

<b>Product Code</b>	CSB-EP010814HU1
<b>Relevance</b>	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.1 Publication
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P14625
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	94 kDa glucose-regulated protein ;GRP-94Heat shock protein 90 kDa beta member 1Tumor rejection antigen 1gp96 homolog
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	VDGTVEEDLGKSREGSRTDDEVVQREEEAIQLDGLNASQIRELREKSEKFAFQ AEVNRMMKLIINSLYKNKEIFLRELISNASDALDKIRLISLTDENALSGNEELTVKI KCDKEKNLLHVTDTGVGMTREELVKNLGTIAKSGTSEFLNKMTEAQEDGQSTS ELIGQFGVGFYSAFLVADKVIVTSKHNNDTQHIWESDSNEFSVIADPRGNTLGR GTTITLVLKEEASDYLELDTIKNLVKKYSQFINFPIYVWSSKTETVEEPMEEEEA AKEEKEESDDEAAVEEEEEEEKPKTKKVEKTVWDWELMNDIKPIWQRPSKEV EEDEYKAFYKSFSKESDDPMAYIHFTAEGEVTFKSILFVPTSAPRGLFDEYGSK KSDYIKLYVRRVFITDDFHDMMPKYLNFBVKGVDSDDLPLNVSRETLQQHKLL KVIRKKLVKRKTLDMIKKIADDKYNDTFWKEFGTNIKLGVEDHSNRTRLAKLLRF QSSHPTDITSLDQYVERMKEKQDKIYFMAGSSRKEAESSPFVERLLKKGVEV IYLTEPVDEYCIQALPEFDGKRFQNVAKEGVKFDESEKTKESREAVEKEFEPLL NWMKDKALKDKIEKAVVSQRLTESPCALVASQYGWSGNMERIMKAQAYQTG KDISTNYYASQKKTFEINPRHPLIRDMLRRIKEDEDDKTVLDLAVVLFETATLRS GYLLPDTKAYGDRIERMLRSLNIDPDAKVEEEPEEEPEETAEDTTEDTEQDED EEMDVGTDEEEETAKESTAE
<b>Research Area</b>	Metabolism
<b>Source</b>	E.coli
<b>Gene Names</b>	HSP90B1
<b>Expression Region</b>	27-799aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

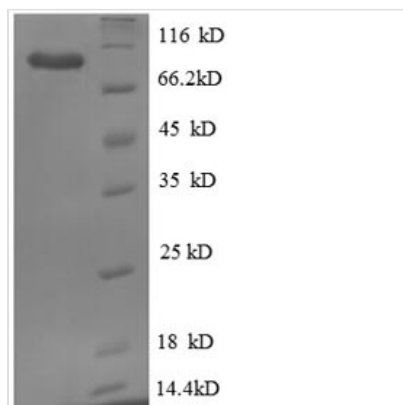


**Tag Info** N-terminal 6xHis-tagged

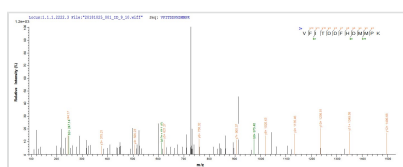
**Mol. Weight** 93.1kDa

**Protein Description** Partial

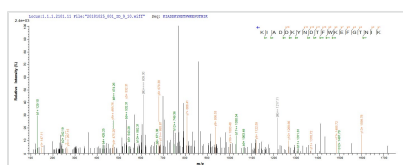
## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-RP108894h could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) HSP90B1.



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## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.