

Recombinant Full Length Human HSP90B1 Protein, C-Flag-tagged

Cat. No. HSP90B1-1111HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HSP90B1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of a family of adenosine triphosphate(ATP)-metabolizing molecular chaperones with roles in stabilizing and folding other proteins. The encoded protein is localized to melanosomes and the endoplasmic reticulum. Expression of this protein is associated with a variety of pathogenic states, including tumor formation. There is a microRNA gene located within the 5' exon of this gene. There are pseudogenes for this gene on chromosomes 1 and 15.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	90.1 kDa
AA Sequence	MRALWVLGLCCVLLTFGSVRADDEVVDVGTVEEDLGKSREGSRTDDEVVQREEEAI QLDGLNASQIRELR EKSEKFAFQAEVNRMMKLIINSLYKNKEIFLRELISNASDALDKI RLISLTDENALSGNEELTVKIKCDK EKNLLHVTDTGVGMTREELVKNLGTIAKSGTSE FLNKMTEAQEDGQSTSELIGQFGVGFYSAFLVADKVI VTSKHNNDTQHIWESDSNE FSVIADPRGNTLGRGTTITLVLKEEASDYLELDTIKNLVKKYSQFINFPIY VWSSKTET VEEPMEEEEAAKEEKEESDDEAAVEEEEEEEKPKTKKVEKTVWDWELMNDIKPIWQ

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

RPSKEV EEDEYKAFYKSFSKESDDPMAYIHFTAEGEVTFKSILFVPTSAPRGLFDEY
 GSKKSDYIKLYVRRVFITD DFHDMMPKYLNFVKGVVDSDDLPLNVSRETLQQHKLLK
 VIRKKLVRKTLDMIKKIADDDKYNDTFWKEFGT NIKLGVIEDHSNRTRLAKLLRFQSSH
 HPTDITSLDQYVERMKEKQDKIYFMAGSSRKEAESSPFVERLLK KGYEVIYLTEPVD
 EYCIQALPEFDGKRFQNVAKEGVKFDESEKTKESREAVEKEFEPLLNMKDKALKD
 K IEKAVVSQRLTESPCALVASQYGWSGNMERIMKAQAYQTGKDISTNYYASQKKT
 EINPRHPLIRDMLRR IKEDEDDKTVLDLAVVLFETATLRSGYLLPDTKAYGDRIERML
 RLSLNIDPDAKVEEEPEEEPEETAEDT
 TEDTEQDEDEEMDVGTDEEEETAKESTAEEKDELTRTRPLEQKLISEEDLAANDILDY
 KDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	NOD-like receptor signaling pathway, Pathways in cancer, Prostate cancer
Full Length	Full L.

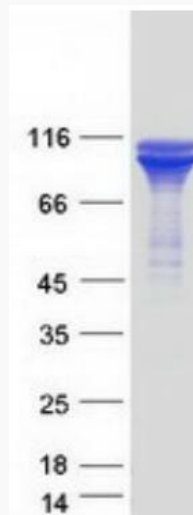
GENE INFORMATION

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Gene Name	HSP90B1 heat shock protein 90 beta family member 1 [Homo sapiens (human)]
Official Symbol	HSP90B1
Synonyms	ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m
Gene ID	7184
mRNA Refseq	NM_003299.3
Protein Refseq	NP_003290.1
MIM	191175
UniProt ID	P14625



Coomassie blue staining of purified HSP90B1 protein.