

Recombinant Full Length Human HSP90AB1 Protein, C-Flag-tagged

Cat. No. HSP90AB1-681HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HSP90AB1 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 the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	83.1 kDa
AA Sequence	MPEEVHHGEEEVETFAFQAEIAQLMSLIINTFYSNKEIFLRELISNASDALDKIRYESLT DPSKLD SGKE LKIDIIPNPQERTLT LVDTGIGMTKADLINNLGTIAKSGTKAFMEALQA GADISMIGQFGVGFYSAYLVA EKVVVITKHNDDEQYAWESSAGGSFTVRADHGEPI GRGTKVILHLKEDQTEYLEERRVKEVVKKHSQFIG YPITLYLEKEREKEISDDEAESEE KGEKEEEDKDDEEKPKIEDVGSDEEDDSGKDKKKKTKKIKEKYIDQE ELNKTPIWT RNPDDITQEEYGEFYKSLTNDWEDHLAVKHFSVEGQLEFRALLFIPRRAPFDLFENK

 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

KKK NNIKLYVRRVFIMDSCELIPEYLNFI RGVVDS EDLPLNISREMLQQSKILKVIRK
 NIVKKCLEL FSELA EDKENYKKFY EAFSKNLKLG IHEDSTNRRRLSELLRYHTSQSG
 DEMTSLSEYVSRMKETQKSIYYITGES KEQVANS AFVERVRKRGFEVVYMT EPIDEY
 CVQQLK EFDGKSLVSVTKEGLELP EDEEEKKKMEESKAKF ENLCKLMKEILDKKVE
 KVTISNRLVSSPCCIVTSTYGWTANMERIMKAQALRDNSTMGYMMAKKHLEINP DH
 PIVETLRQKAEADKNDKAVKDLVLLFETALLSSGFSLEDPQTHSNRIYRMIKLG LGID
 EDEVAAEEP
 NAAVPDEIPPLEGDE DASRMEEVDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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, Stem cell - Pluripotency
Protein Pathways	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer
Full Length	Full L.

GENE INFORMATION

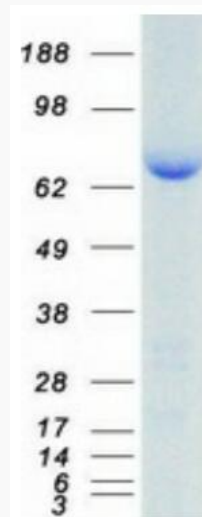
Gene Name	HSP90AB1 heat shock protein 90 alpha family class B member 1 [Homo sapiens
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	(human)]
Official Symbol	HSP90AB1
Synonyms	HSP84; HSPC2; HSPCB; D6S182; HSP90B
Gene ID	3326
mRNA Refseq	NM_007355.4
Protein Refseq	NP_031381.2
MIM	140572
UniProt ID	P08238



Coomassie blue staining of purified HSP90AB1 protein.