

Recombinant Rhesus monkey HSP90B1 Protein

Cat. No. HSP90B1-22R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey HSP90B1 Protein was expressed in E. coli.
Species	Rhesus macaque
Source	E.coli
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	Liquid. In 1xPBS, pH 7.4.
Molecular Mass	~94 kDa
AA Sequence	MRALWVLGLCCVLLTFGSVRAHHHHHHGGGGSDDEVVDVDGTVEEDLGKSREGSR TDDEVVQREEEAIQLDGLNASQIRELREKSEKFAFQAEVNRMMLIINSLYKNKEIFL RELISNASDALDKIRLISLTDENALSGNEELTVKIKCDKEKNLLHVTDTGVGMTREELV KNLGTIAKSGTSEFLNKMTEAQEDGQSTSELIGQFGVGFYSAFLVADKVIVTSKHNN DTQHIWESDSNEFSVIADPRGNTLGRGTTITLVLKEEASDYLELDTIKNLVKKYSQFIN FPIYVWSSKTETVEEPMEEEEAAKEEKEESDDEAAVEEEEEEEKPKTKKVEKTVWD WELMNDIKPIWQRPSKEVEEDEYKAFYKSFSKESDDPMAYIHFTAEGEVTFKSILFVP TSAPRGLFDEYGSKKSDYIKLYVRRVFITDDFHDMMPKYLNFBVKGVDSDDLPLNVS

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RETLQQHKLLKVIRKKLVRKTLDMIKKIADDDKYNDTFWKEFGTNIKLGVIEDHSNRTRL
AKLLRFQSSHPTDITSLDQYVERMKEKQDKIYFMAGSSRKEAESSPFVERLLKKGY
EVIYLTEPVDEYCIQALPEFDGKRFQNVAKEGVKFDESEKTKESREAVEKEFEPLLN
WMKDKALKDKIEKAVVSQRLTESPCALVASQYGWSGNMERIMKAQAYQTGKDISTN
YYASQKKTFEINPRHPLIRDMLRRIKEDEDDKTVLDLAVVLFETATLRSGYLLPDTKAY
GDRIERMLRSLNIDPDAKVEDEPEEEPEETTEDTTEDTEQDEDEEMDVGTDEEEQ
ETESTA EKDEL

Purity >90%

Storage Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.

Concentration 0.5 mg/ml

Official Full Name Heat shock protein 90 beta family member 1

GENE INFORMATION

Gene Name HSP90B1 heat shock protein 90 beta family member 1 [*Macaca mulatta* (Rhesus monkey)]

Official Symbol HSP90B1

Synonyms ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m

Gene ID 699568

mRNA Refseq NM_001195524

Protein Refseq NP_001182453

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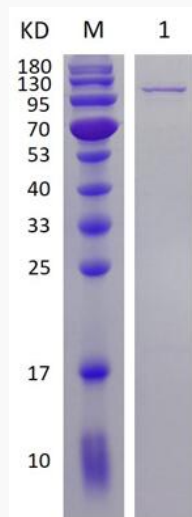
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UniProt ID

Q4R520

SDS-PAGE



15% SDS-PAGE analysis profiles of purified Rhesus monkey HSP90B1 (CBB stained).

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