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Product datasheet for AR09147PU-L

Endoplasmin / HSP90B1 / TRA1 (22-803, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Endoplasmin / HSP90B1 / TRA1 (22-803, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMDDE VDVDGTVEED LGKSREGSRT DDEVVQREEE AIQLDGLNAS QIRELREKSE KFAFQAEVNR MMKLIINSLY KNKEIFLREL ISNASDALDK IRLISLTDEN ALSGNEELTV KIKCDKEKNL LHVTDTGVGM TREELVKNLG TIAKSGTSEF LNKMTEAQED GQSTSELIGQ FGVGFYSAFL VADKVIVTSK HNNDTQHIWE SDSNEFSVIA DPRGNTLGRG TTITLVLKEE ASDYLELDTI KNLVKKYSQF INFPIYVWSS KTETVEEPME EEEAAKEEKE ESDDEAAVEE EEEEKKPKTK KVEKTVWDWE LMNDIKPIWQ RPSKEVEEDE YKAFYKSFSK ESDDPMAYIH FTAEGEVTFK SILFVPTSAP RGLFDEYGSK KSDYIKLYVR RVFITDDFHD MMPKYLNFVK GVVDSDDLPL NVSRETLQQH KLLKVIRKKL VRKTLDMIKK IADDKYNDTF WKEFGTNIKL GVIEDHSNRT RLAKLLRFQS SHHPTDITSL DQYVERMKEK QDKIYFMAGS SRKEAESSPF VERLLKKGYE VIYLTEPVDE YCIQALPEFD GKRFQNVAKE GVKFDESEKT KESREAVEKE FEPLLNWMKD KALKDKIEKA VVSQRLTESP CALVASQYGW SGNMERIMKA QAYQTGKDIS TNYYASQKKT FEINPRHPLI RDMLRRIKED EDDKTVLDLA VVLFETATLR SGYLLPDTKA YGDRIERMLR LSLNIDPDAK VEEEPEEEPE ETAEDTTEDT EQDEDEEMDV GTDEEEETAK ESTAEKDEL
Tag:	His-tag
Predicted MW:	94.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 1 mM EDTA, 0.1 M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GRP94 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.

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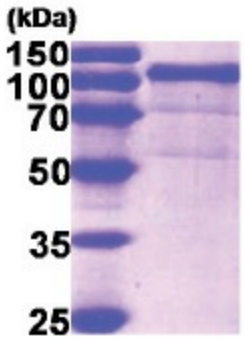
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_003290
Locus ID:	7184
UniProt ID:	P14625, V9HWP2
Cytogenetics:	12q23.3
Synonyms:	ECGP; GP96; GRP94; HEL-S-125m; HEL35; TRA1
Summary:	This gene encodes a member of a family of adenosine triphosphate(ATP)-metabolizing molecular chaperones with roles 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. [provided by RefSeq, Aug 2012]
Protein Families:	Druggable Genome
Protein Pathways:	NOD-like receptor signaling pathway, Pathways in cancer, Prostate cancer

Product images:



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