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GRP94 Protein (Myc-DYKDDDDK Tag)



Image



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Overview		
Quantity:	20 μg	
Target:	GRP94 (HSP90B1)	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This GRP94 protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	 Recombinant human Endoplasmin / HSP90B1 / TRA1 protein expressed in HEK293 cells. Produced with end-sequenced ORF clone 	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	GRP94 (HSP90B1)	
Alternative Name:	Endoplasmin,hsp90b1,tra1 (HSP90B1 Products)	
Background:	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	

Target Details

	chromosomes 1 and 15.
Molecular Weight:	90.1 kDa
NCBI Accession:	NP_003290
Pathways:	Thyroid Hormone Synthesis, Activation of Innate immune Response, ER-Nucleus Signaling, Toll- Like Receptors Cascades

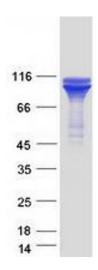
Application Details

Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	

Handling

Concentration:	50 μg/mL	
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.	
Storage:	-80 °C	
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.	

Images



Western Blotting

Image 1. Validation with Western Blot