

Product datasheet for **RC209563L2V**

GRP94 (HSP90B1) (NM_003299) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GRP94 (HSP90B1) (NM_003299) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GRP94
Synonyms:	ECGP; GP96; GRP94; HEL-S-125m; HEL35; TRA1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003299
ORF Size:	2409 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209563).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_003299.1
RefSeq Size:	2879 bp
RefSeq ORF:	2412 bp
Locus ID:	7184
UniProt ID:	P14625
Cytogenetics:	12q23.3
Domains:	HSP90, HATPase_c
Protein Families:	Druggable Genome



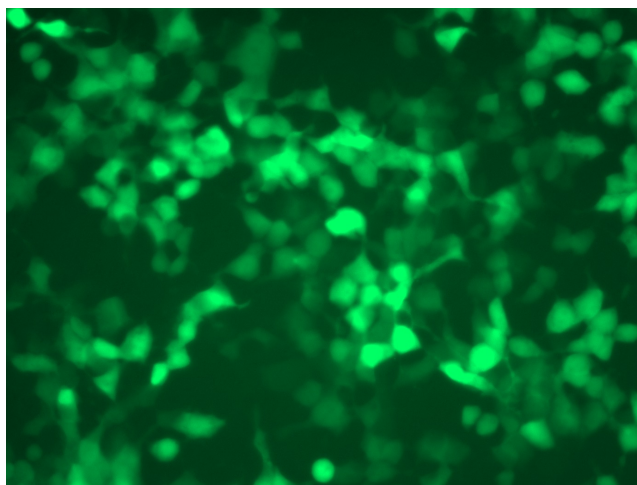
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Protein Pathways: NOD-like receptor signaling pathway, Pathways in cancer, Prostate cancer

MW: 92.5 kDa

Gene 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]

Product images:



[RC209563L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209563L2V particle to overexpress human HSP90B1-mGFP fusion protein.