

Product datasheet for **RC215362L4V**

GRB7 (NM_005310) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GRB7 (NM_005310) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GRB7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005310
ORF Size:	1596 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215362).
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_005310.2
RefSeq Size:	2260 bp
RefSeq ORF:	1599 bp
Locus ID:	2886
UniProt ID:	Q14451
Cytogenetics:	17q12
Domains:	RA, SH2, PH
Protein Families:	Druggable Genome, Embryonic stem cells, Stem cell - Pluripotency
MW:	59.5 kDa



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Gene Summary:

The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]