

## Product datasheet for **RC211584L4V**

### EPB42 (NM\_000119) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EPB42 (NM_000119) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EPB42
Synonyms:	PA; SPH5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000119
ORF Size:	2163 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211584).
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. <a href="#">More info</a>
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:	<a href="#">NM_000119.1</a>
RefSeq Size:	2697 bp
RefSeq ORF:	2166 bp
Locus ID:	2038
UniProt ID:	<a href="#">P16452</a>
Cytogenetics:	15q15.2
Domains:	Transglutamin_C, TGc
Protein Families:	Druggable Genome


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**MW:** 79.7 kDa

**Gene Summary:** Erythrocyte membrane protein band 4.2 is an ATP-binding protein which may regulate the association of protein 3 with ankyrin. It probably has a role in erythrocyte shape and mechanical property regulation. Mutations in the EPB42 gene are associated with recessive spherocytic elliptocytosis and recessively transmitted hereditary hemolytic anemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]