

## Product datasheet for **RC214501L4V**

### Epigen (EPGN) (NM\_001013442) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Epigen (EPGN) (NM_001013442) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Epigen
Synonyms:	ALGV3072; EPG; epigen; PRO9904
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013442
ORF Size:	399 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214501).
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_001013442.1</a> , <a href="#">NP_001013460.1</a>
RefSeq Size:	847 bp
RefSeq ORF:	401 bp
Locus ID:	255324
Cytogenetics:	4q13.3
Protein Families:	Transmembrane
MW:	14.6 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the epidermal growth factor family. Members of this family are ligands for the epidermal growth factor receptor and play a role in cell survival, proliferation and migration. This protein has been reported to have high mitogenic activity but low affinity for its receptor. Expression of this transcript and protein have been reported in cancer specimens of the breast, bladder, and prostate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]