

Product datasheet for **RC205595L2V**

Prokineticin 1 (PROK1) (NM_032414) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Prokineticin 1 (PROK1) (NM_032414) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Prokineticin 1 |
| Synonyms: | EGVEGF; PK1; PRK1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_032414 |
| ORF Size: | 315 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205595). |
| 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_032414.2 |
| RefSeq Size: | 1372 bp |
| RefSeq ORF: | 318 bp |
| Locus ID: | 84432 |
| UniProt ID: | P58294 |
| Cytogenetics: | 1p13.3 |
| Protein Families: | Druggable Genome, Secreted Protein |
| MW: | 11.5 kDa |



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Gene Summary:

The protein encoded by this gene induces proliferation, migration, and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. It has little or no effect on a variety of other endothelial and non-endothelial cell types. Its expression is restricted to the steroidogenic glands (ovary, testis, adrenal, and placenta), is induced by hypoxia, and often complementary to the expression of vascular endothelial growth factor (VEGF), suggesting that these molecules function in a coordinated manner. [provided by RefSeq, Sep 2011]