

## Product datasheet for **RC226030L4V**

### GEFT (ARHGEF25) (NM\_001111270) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	GEFT
<b>Synonyms:</b>	GEFT; p63RhoGEF
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_001111270
<b>ORF Size:</b>	1857 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC226030).

**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\\_001111270.1](#), [NP\\_001104740.1](#)

**RefSeq ORF:** 1860 bp

**Locus ID:** 115557

**UniProt ID:** [Q86VW2](#)

**Cytogenetics:** 12q13.3

**MW:** 68 kDa



**Gene Summary:**

Rho GTPases alternate between an inactive GDP-bound state and an active GTP-bound state, and GEFs facilitate GDP/GTP exchange. This gene encodes a guanine nucleotide exchange factor (GEF) which interacts with Rho GTPases involved in contraction of vascular smooth muscles, regulation of responses to angiotensin II and lens cell differentiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]