Product datasheet for **RC222308L3**

**RGH19 (ARHGAP19) (NM_032900) Human Tagged ORF Clone**

**Product data:**

- **Product Type:** Expression Plasmids
- **Product Name:** RGH19 (ARHGAP19) (NM_032900) Human Tagged ORF Clone
- **Tag:** Myc-DDK
- **Symbol:** ARHGAP19
- **Synonyms:** DKFZp313K217; MGC14258; MGC138804; MGC138805
- **Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)
- **E. coli Selection:** Chloramphenicol (34 ug/mL)
- **Cell Selection:** Puromycin
- **ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as RC222308.
- **Restriction Sites:** SgfI-MluI
- **Cloning Scheme:**

  ![Cloning Scheme Diagram](image)

  - * The last codon before the stop codon of the ORF.

  - **ACCN:** NM_032900
  - **ORF Size:** 1482 bp
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_032900.4, NP_116289.4
RefSeq Size: 5495 bp
RefSeq ORF: 1485 bp
Locus ID: 84986
Cytogenetics: 10q24.1
MW: 55.8 kDa

Gene Summary: Members of the ARHGAP family, such as ARHGAP19, encode negative regulators of Rho GTPases (see RHOA; MIM 165390), which are involved in cell migration, proliferation, and differentiation, actin remodeling, and G1 cell cycle progression (Lv et al., 2007 [PubMed 17454002]). [supplied by OMIM, Mar 2008]