

Product datasheet for **RC210561L4V**

MIG (CXCL9) (NM_002416) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | MIG (CXCL9) (NM_002416) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MIG |
| Synonyms: | CMK; crg-10; Humig; MIG; SCYB9 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_002416 |
| ORF Size: | 375 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC210561). |
| 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_002416.1 |
| RefSeq Size: | 2723 bp |
| RefSeq ORF: | 378 bp |
| Locus ID: | 4283 |
| UniProt ID: | Q07325 |
| Cytogenetics: | 4q21.1 |
| Domains: | IL8 |
| Protein Families: | Druggable Genome, Secreted Protein, Transmembrane |



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|--------------------------|---|
| Protein Pathways: | Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Toll-like receptor signaling pathway |
| MW: | 14 kDa |
| Gene Summary: | This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded is thought to be involved in T cell trafficking. The encoded protein binds to C-X-C motif chemokine 3 and is a chemoattractant for lymphocytes but not for neutrophils. [provided by RefSeq, Aug 2020] |