

Product datasheet for **RC214534L4V**

CD89 (FCAR) (NM_133274) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CD89 (FCAR) (NM_133274) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | FCAR |
| Synonyms: | CD89; CTB-61M7.2; FcalphaRI |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_133274 |
| ORF Size: | 627 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC214534). |
| 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_133274.2 , NP_579808.1 |
| RefSeq Size: | 1561 bp |
| RefSeq ORF: | 630 bp |
| Locus ID: | 2204 |
| UniProt ID: | P24071 |
| Cytogenetics: | 19q13.42 |
| Protein Families: | Transmembrane |
| MW: | 23.4 kDa |



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Gene Summary:

This gene is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]