

## Product datasheet for **RC203321L4V**

### Fc epsilon RI (FCER1A) (NM\_002001) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Fc epsilon RI (FCER1A) (NM_002001) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Fc epsilon RI  |
| Synonyms:                 | FCE1A; FcERI   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_002001  |
| ORF Size:                 | 771 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC203321).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_002001.2</a>  |
| RefSeq Size:              | 1198 bp  |
| RefSeq ORF:               | 774 bp   |
| Locus ID:                 | 2205   |
| UniProt ID:               | <a href="#">P12319</a>   |
| Cytogenetics:             | 1q23.2   |
| Protein Families:         | Transmembrane  |
| Protein Pathways:         | Asthma, Fc epsilon RI signaling pathway  |



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**MW:** 29.6 kDa

**Gene Summary:** The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit. [provided by RefSeq, Aug 2011]