

## Product datasheet for **RC210225L1V**

### **GPA33 (NM\_005814) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | GPA33 (NM_005814) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | GPA33  |
| Synonyms:                 | A33  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_005814  |
| ORF Size:                 | 957 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC210225).   |
| 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_005814.1</a>  |
| RefSeq Size:              | 2793 bp  |
| RefSeq ORF:               | 960 bp   |
| Locus ID:                 | 10223  |
| UniProt ID:               | <a href="#">Q99795</a>   |
| Cytogenetics:             | 1q24.1   |
| Protein Families:         | Druggable Genome, Transmembrane  |
| MW:                       | 35.6 kDa   |



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**Gene Summary:**

The glycoprotein encoded by this gene is a cell surface antigen that is expressed in greater than 95% of human colon cancers. The open reading frame encodes a 319-amino acid polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The predicted mature protein has a 213-amino acid extracellular region, a single transmembrane domain, and a 62-amino acid intracellular tail. The sequence of the extracellular region contains 2 domains characteristic of the CD2 subgroup of the immunoglobulin (Ig) superfamily. [provided by RefSeq, Jul 2008]