

## Product datasheet for **RC203175L3V**

### **GAP43 (NM\_002045) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | GAP43 (NM_002045) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | GAP43  |
| Synonyms:                 | B-50; GAP-43; PP46   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_002045  |
| ORF Size:                 | 714 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC203175).   |
| 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_002045.2</a>  |
| RefSeq Size:              | 1747 bp  |
| RefSeq ORF:               | 717 bp   |
| Locus ID:                 | 2596   |
| UniProt ID:               | <a href="#">P17677</a>   |
| Cytogenetics:             | 3q13.31  |
| Domains:                  | IQ   |
| MW:                       | 24.8 kDa   |



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**Gene Summary:**

The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]