

## Product datasheet for **RC201124L4V**

### Cytokeratin 7 (KRT7) (NM\_005556) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Cytokeratin 7 (KRT7) (NM_005556) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Cytokeratin 7  |
| Synonyms:                 | CK7; K2C7; K7; SCL   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_005556  |
| ORF Size:                 | 1407 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC201124).   |
| 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_005556.3</a>  |
| RefSeq Size:              | 1753 bp  |
| RefSeq ORF:               | 1410 bp  |
| Locus ID:                 | 3855   |
| UniProt ID:               | <a href="#">P08729</a>   |
| Cytogenetics:             | 12q13.13   |
| Domains:                  | filament   |
| Protein Families:         | ES Cell Differentiation/IPS  |



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**MW:** 51.4 kDa

**Gene Summary:** The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008]