

## Product datasheet for **RC224106L4V**

### RPS24 (NM\_001026) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | RPS24 (NM_001026) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | RPS24  |
| Synonyms:                 | DBA3; eS24; S24  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001026  |
| ORF Size:                 | 399 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC224106).   |
| 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_001026.4</a> , <a href="#">NP_001017.1</a>  |
| RefSeq Size:              | 649 bp   |
| RefSeq ORF:               | 402 bp   |
| Locus ID:                 | 6229   |
| UniProt ID:               | <a href="#">P62847</a>   |
| Cytogenetics:             | 10q22.3  |
| Domains:                  | Ribosomal_S24e   |
| Protein Pathways:         | Ribosome   |



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**MW:** 15.4 kDa

**Gene Summary:** Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S24E family of ribosomal proteins. It is located in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Mutations in this gene result in Diamond-Blackfan anemia. [provided by RefSeq, Nov 2008]