

Product datasheet for **RC211554L4V**

EI24 (NM_001007277) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | EI24 (NM_001007277) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | EI24 |
| Synonyms: | EPG4; PIG8; TP53I8 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001007277 |
| ORF Size: | 786 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC211554). |
| 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. More info |
| 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: | NM_001007277.1 , NP_001007278.1 |
| RefSeq Size: | 2167 bp |
| RefSeq ORF: | 788 bp |
| Locus ID: | 9538 |
| Cytogenetics: | 11q24.2 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | p53 signaling pathway |
| MW: | 29.9 kDa |



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Gene Summary:

This gene encodes a putative tumor suppressor and has higher expression in p53-expressing cells than in control cells and is an immediate-early induction target of p53-mediated apoptosis. The encoded protein may suppress cell growth by inducing apoptotic cell death through the caspase 9 and mitochondrial pathways. This gene is located on human chromosome 11q24, a region frequently altered in cancers. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 1, 3, 7, and 8. [provided by RefSeq, Feb 2014]