

Product datasheet for RC217700L4V

ING1 (NM_198217) Human Tagged ORF Clone Lentiviral Particle

Product data:

| Product Type: | Lentiviral Particles |
|------------------------------|---|
| Product Name: | ING1 (NM_198217) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ING1 |
| Synonyms: | p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_198217 |
| ORF Size: | 705 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC217700). |
| 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. <u>More info</u> |
| 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: | <u>NM 198217.2, NP 937860.1</u> |
| RefSeq Size: | 2219 bp |
| RefSeq ORF: | 708 bp |
| Locus ID: | 3621 |
| UniProt ID: | <u>Q9UK53</u> |
| Cytogenetics: | 13q34 |
| Protein Families: | Druggable Genome, Transcription Factors |
| MW: | 26.8 kDa |
| | |

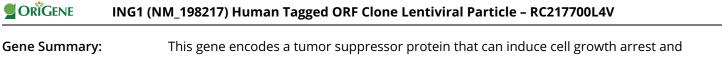


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This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

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