

Product datasheet for **RC230076L4V**

Suppressor of Fused (SUFU) (NM_001178133) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Suppressor of Fused (SUFU) (NM_001178133) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SUFU |
| Synonyms: | JBTS32; PRO1280; SUFUH; SUFUXL |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001178133 |
| ORF Size: | 1299 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230076). |
| 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_001178133.1 |
| RefSeq ORF: | 1302 bp |
| Locus ID: | 51684 |
| UniProt ID: | Q9UMX1 |
| Cytogenetics: | 10q24.32 |
| Protein Families: | Druggable Genome, Transcription Factors |
| Protein Pathways: | Basal cell carcinoma, Hedgehog signaling pathway, Pathways in cancer |
| MW: | 48.4 kDa |



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Gene Summary:

The Hedgehog signaling pathway plays an important role in early human development. The pathway is a signaling cascade that plays a role in pattern formation and cellular proliferation during development. This gene encodes a negative regulator of the hedgehog signaling pathway. Defects in this gene are a cause of medulloblastoma. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]