

Product datasheet for **RC222391L4V**

DRIP130 (MED23) (NM_004830) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | DRIP130 (MED23) (NM_004830) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | DRIP130 |
| Synonyms: | ARC130; CRSP3; CRSP130; CRSP133; DRIP130; MRT18; SUR-2; SUR2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_004830 |
| ORF Size: | 4104 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC222391). |
| 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_004830.3 |
| RefSeq Size: | 5240 bp |
| RefSeq ORF: | 4107 bp |
| Locus ID: | 9439 |
| UniProt ID: | Q9ULK4 |
| Cytogenetics: | 6q23.2 |
| Protein Families: | Druggable Genome, Transcription Factors |
| MW: | 156.5 kDa |



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Gene Summary:

The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. This protein also acts as a metastasis suppressor. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2012]