

Product datasheet for **RC229802L4V**

CITED2 (NM_001168389) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CITED2 (NM_001168389) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CITED2 |
| Synonyms: | ASD8; MRG-1; MRG1; P35SRJ; VSD2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001168389 |
| ORF Size: | 825 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC229802). |
| 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_001168389.2 , NP_001161861.2 |
| RefSeq Size: | 1780 bp |
| RefSeq ORF: | 828 bp |
| Locus ID: | 10370 |
| UniProt ID: | Q99967 |
| Cytogenetics: | 6q24.1 |
| Protein Families: | Druggable Genome, Transcription Factors |
| MW: | 29 kDa |



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Gene Summary:

The protein encoded by this gene inhibits transactivation of HIF1A-induced genes by competing with binding of hypoxia-inducible factor 1-alpha to p300-CH1. Mutations in this gene are a cause of cardiac septal defects. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]