

Product datasheet for **RC224788L4V**

CROP (LUC7L3) (NM_006107) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | CROP (LUC7L3) (NM_006107) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | LUC7L3 |
| Synonyms: | CRA; CREAP-1; CROP; hLuc7A; LUC7A; OA48-18 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_006107 |
| ORF Size: | 1296 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC224788). |
| 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_006107.3 , NP_006098.2 |
| RefSeq Size: | 2020 bp |
| RefSeq ORF: | 1299 bp |
| Locus ID: | 51747 |
| UniProt ID: | O95232 |
| Cytogenetics: | 17q21.33 |
| Protein Families: | Stem cell - Pluripotency |
| MW: | 51.5 kDa |



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Gene Summary:

This gene encodes a protein with an N-terminal half that contains cysteine/histidine motifs and leucine zipper-like repeats, and the C-terminal half is rich in arginine and glutamate residues (RE domain) and arginine and serine residues (RS domain). This protein localizes with a speckled pattern in the nucleus, and could be involved in the formation of spliceosome via the RE and RS domains. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2009]