

Product datasheet for **RC200429L4V**

RCN2 (NM_002902) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RCN2 (NM_002902) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RCN2 |
| Synonyms: | E6BP; ERC-55; ERC55; TCBP49 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_002902 |
| ORF Size: | 951 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200429). |
| 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_002902.1 |
| RefSeq Size: | 2213 bp |
| RefSeq ORF: | 954 bp |
| Locus ID: | 5955 |
| UniProt ID: | Q14257 |
| Cytogenetics: | 15q24.3 |
| Domains: | EFh |
| MW: | 36.9 kDa |



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Gene Summary:

The protein encoded by this gene is a calcium-binding protein located in the lumen of the ER. The protein contains six conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand. This gene maps to the same region as type 4 Bardet-Biedl syndrome, suggesting a possible causative role for this gene in the disorder. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2012]