

Product datasheet for **RC206152L4V**

EGLN2 (NM_053046) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | EGLN2 (NM_053046) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | EGLN2 |
| Synonyms: | EIT-6; EIT6; HIF-PH1; HIFPH1; HPH-1; HPH-3; PHD1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_053046 |
| ORF Size: | 1221 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC206152). |
| 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_053046.2 |
| RefSeq Size: | 2264 bp |
| RefSeq ORF: | 1224 bp |
| Locus ID: | 112398 |
| UniProt ID: | Q96KS0 |
| Cytogenetics: | 19q13.2 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Pathways in cancer, Renal cell carcinoma |



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MW: 43.7 kDa

Gene Summary: The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene. [provided by RefSeq, Feb 2011]