

Product datasheet for **RC205347L2V**

KLHL2 (NM_007246) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | KLHL2 (NM_007246) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | KLHL2 |
| Synonyms: | ABP-KELCH; MAV; MAYVEN |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_007246 |
| ORF Size: | 1779 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205347). |
| 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_007246.2 , NP_009177.2 |
| RefSeq Size: | 3137 bp |
| RefSeq ORF: | 1782 bp |
| Locus ID: | 11275 |
| UniProt ID: | O95198 |
| Cytogenetics: | 4q32.3 |
| Domains: | BTB, Kelch |
| MW: | 66.1 kDa |


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Gene Summary:

Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination of target proteins, such as NPTXR, leading most often to their proteasomal degradation (By similarity). Responsible for degradative ubiquitination of the WNK kinases WNK1, WNK3 and WNK4. Plays a role in the reorganization of the actin cytoskeleton. Promotes growth of cell projections in oligodendrocyte precursors. [UniProtKB/Swiss-Prot Function]