

Product datasheet for **RC225338L4V**

FOLR2 (NM_001113534) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | FOLR2 (NM_001113534) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | FOLR2 |
| Synonyms: | BETA-HFR; FBP; FBP/PL-1; FOLR1; FR-BETA; FR-P3; FRbeta |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001113534 |
| ORF Size: | 765 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC225338). |
| 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_001113534.1 |
| RefSeq ORF: | 768 bp |
| Locus ID: | 2350 |
| UniProt ID: | P14207 |
| Cytogenetics: | 11q13.4 |
| Protein Families: | Druggable Genome, Secreted Protein |
| MW: | 29.1 kDa |



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Gene Summary:

The protein encoded by this gene is a member of the folate receptor (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. Multiple transcript variants that encode the same protein have been found for this gene. [provided by RefSeq, Jul 2008]