

Product datasheet for **RC201973L2V**

Fatty Acid Binding Protein 5 (FABP5) (NM_001444) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Fatty Acid Binding Protein 5 (FABP5) (NM_001444) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Fatty Acid Binding Protein 5 |
| Synonyms: | E-FABP; EFABP; KFABP; PA-FABP; PAFABP |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_001444 |
| ORF Size: | 405 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201973). |
| 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_001444.1 |
| RefSeq Size: | 751 bp |
| RefSeq ORF: | 408 bp |
| Locus ID: | 2171 |
| UniProt ID: | Q01469 |
| Cytogenetics: | 8q21.13 |
| Domains: | lipocalin |



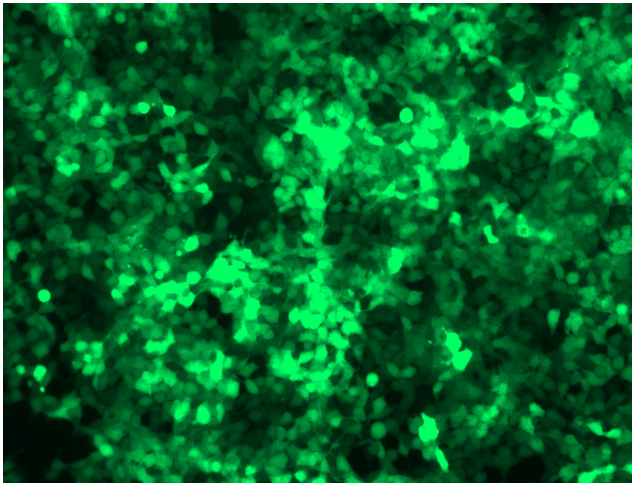
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Protein Pathways: PPAR signaling pathway

MW: 15.2 kDa

Gene Summary: This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011]

Product images:



[RC201973L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC201973L2V particle to overexpress human FABP5-mGFP fusion protein.