

Product datasheet for **RC210707L4V**

Visfatin (NAMPT) (NM_005746) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Visfatin (NAMPT) (NM_005746) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Visfatin |
| Synonyms: | 1110035O14Rik; PBEF; PBEF1; VF; VISFATIN |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_005746 |
| ORF Size: | 1473 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC210707). |
| 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_005746.2 |
| RefSeq Size: | 4593 bp |
| RefSeq ORF: | 1476 bp |
| Locus ID: | 10135 |
| UniProt ID: | P43490 |
| Cytogenetics: | 7q22.3 |
| Domains: | NAPRTase |
| Protein Families: | Druggable Genome |



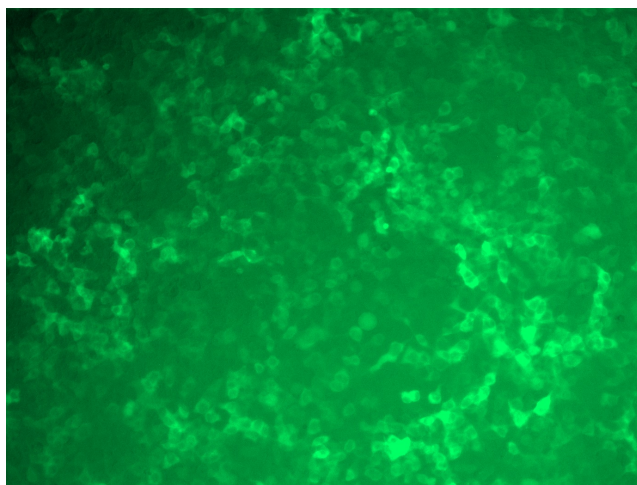
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Protein Pathways: Nicotinate and nicotinamide metabolism

MW: 55.52 kDa

Gene Summary: This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein belongs to the nicotinic acid phosphoribosyltransferase (NAPRTase) family and is thought to be involved in many important biological processes, including metabolism, stress response and aging. This gene has a pseudogene on chromosome 10. [provided by RefSeq, Feb 2011]

Product images:



[RC210707L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC210707L4V particle to overexpress human NAMPT-mGFP fusion protein.