

Product datasheet for **RC201989L4V**

EPCAM (NM_002354) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | EPCAM (NM_002354) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | EPCAM |
| Synonyms: | DIAR5; EGP-2; EGP40; EGP314; ESA; HNPCC8; KS1/4; KSA; M4S1; MIC18; MK-1; TACSTD1; TROP1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_002354 |
| ORF Size: | 942 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201989). |
| 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_002354.1 , NP_002345.1 |
| RefSeq Size: | 1528 bp |
| RefSeq ORF: | 945 bp |
| Locus ID: | 4072 |
| UniProt ID: | P16422 |
| Cytogenetics: | 2p21 |
| Domains: | thyroglobulin_1 |



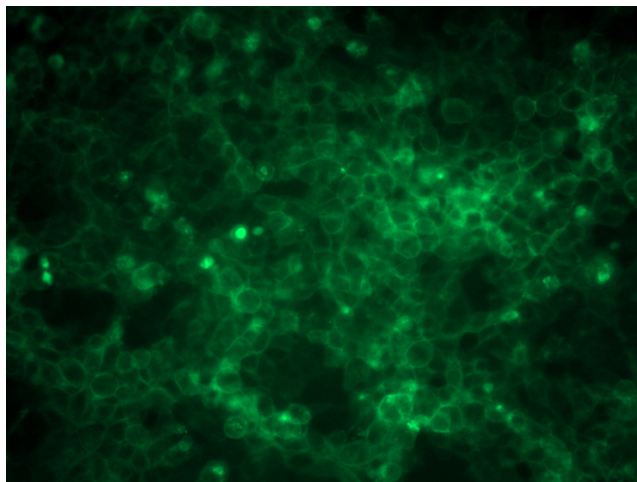
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Protein Families: ES Cell Differentiation/IPS, Transmembrane

MW: 34.9 kDa

Gene Summary: This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008]

Product images:



[RC201989L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC201989L4V particle to overexpress human EPCAM-mGFP fusion protein.