

Product datasheet for **RC202573L3V**

IGFBP2 (NM_000597) Human Tagged ORF Clone Lentiviral Particle

Product data:

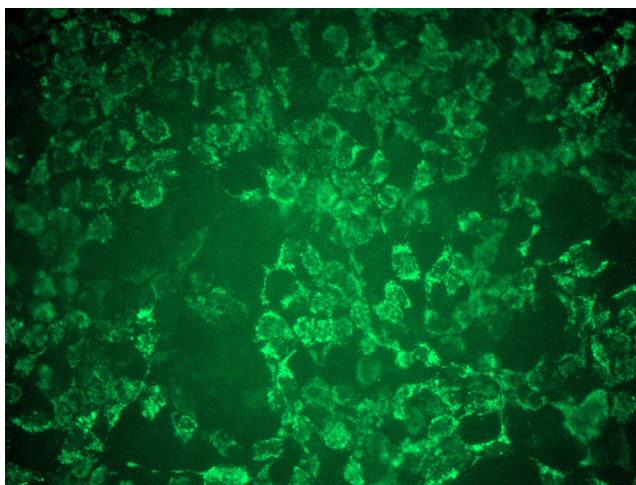
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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | IGFBP2 (NM_000597) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | IGFBP2 |
| Synonyms: | IBP2; IGF-BP53 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_000597 |
| ORF Size: | 984 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202573). |
| 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_000597.2 , NP_000588.2 |
| RefSeq Size: | 1439 bp |
| RefSeq ORF: | 978 bp |
| Locus ID: | 3485 |
| UniProt ID: | P18065 |
| Cytogenetics: | 2q35 |
| Domains: | thyroglobulin_1, IB |



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|--------------------------|--|
| Protein Families: | Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein |
| MW: | 35 kDa |
| Gene Summary: | The protein encoded by this gene is one of six similar proteins that bind insulin-like growth factors I and II (IGF-I and IGF-II). The encoded protein can be secreted into the bloodstream, where it binds IGF-I and IGF-II with high affinity, or it can remain intracellular, interacting with many different ligands. High expression levels of this protein promote the growth of several types of tumors and may be predictive of the chances of recovery of the patient. Several transcript variants, one encoding a secreted isoform and the others encoding nonsecreted isoforms, have been found for this gene. [provided by RefSeq, Sep 2015] |

Product images:



[RC202573L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202573L3V particle to overexpress human IGFBP2-Myc-DDK fusion protein.