

Product datasheet for **RC202323L2V**

HVCN1 (NM_001040107) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | HVCN1 (NM_001040107) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | HVCN1 |
| Synonyms: | HV1; VSOP |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_001040107 |
| ORF Size: | 819 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202323). |
| 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_001040107.1 |
| RefSeq Size: | 1736 bp |
| RefSeq ORF: | 822 bp |
| Locus ID: | 84329 |
| UniProt ID: | Q96D96 |
| Cytogenetics: | 12q24.11 |
| Protein Families: | Druggable Genome, Transmembrane |
| MW: | 31.7 kDa |



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Gene Summary:

This gene encodes a voltage-gated protein channel protein expressed more highly in certain cells of the immune system. Phagocytic cells produce superoxide anions which require this channel protein, and in B cells this same process facilitates antibody production. This same channel protein, however, can also regulate functions in other cells including spermatozoa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]