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# Product datasheet for RC202254L2V

## Poliovirus Receptor (PVR) (NM_006505) Human Tagged ORF Clone Lentiviral Particle

### Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Poliovirus Receptor (PVR) (NM_006505) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Poliovirus Receptor |
| **Synonyms:** | CD155; HVED; Necl-5; NECL5; PVS; TAGE4 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pLenti-C-mGFP (PS100071) |
| **Tag:** | mGFP |
| **ACCN:** | NM_006505 |
| **ORF Size:** | 1251 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(RC202254).` |
| **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_006505.2 |
| **RefSeq Size:** | 5903 bp |
| **RefSeq ORF:** | 1254 bp |
| **Locus ID:** | 5817 |
| **UniProt ID:** | P15151 |
| **Cytogenetics:** | 19q13.31 |
| **Domains:** | ig, IGv, IG |
| **Protein Families:** | Druggable Genome, Transmembrane |

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| | |
|---|---|
| **Protein Pathways:** | Cell adhesion molecules (CAMs) |
| **MW:** | 45.3 kDa |
| **Gene Summary:** | The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008] |