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Product datasheet for RC202254L3V

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

Product data:

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:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
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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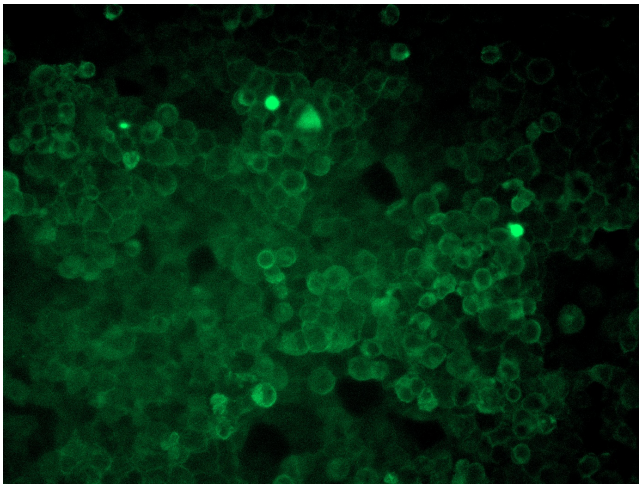
Protein Pathways: Cell adhesion molecules (CAMs)

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]

Product images:



[RC202254L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202254L3V particle to overexpress human PVR-Myc-DDK fusion protein.