

Product datasheet for **RC224956L4V**

Insulin Receptor R (INSRR) (NM_014215) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Insulin Receptor R (INSRR) (NM_014215) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Insulin Receptor R |
| Synonyms: | IRR |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_014215 |
| ORF Size: | 3891 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC224956). |
| 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_014215.1 |
| RefSeq Size: | 4148 bp |
| RefSeq ORF: | 3894 bp |
| Locus ID: | 3645 |
| UniProt ID: | P14616 |
| Cytogenetics: | 1q23.1 |
| Protein Families: | Druggable Genome, Protein Kinase, Transmembrane |
| Protein Pathways: | Prostate cancer, Regulation of actin cytoskeleton |



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MW: 143.72 kDa

Gene Summary: Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an intracellular signaling pathway that involves IRS1 and AKT1/PKB.[UniProtKB/Swiss-Prot Function]