

Product datasheet for **RC211799L2V**

Somatostatin Receptor 5 (SSTR5) (NM_001053) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Somatostatin Receptor 5 (SSTR5) (NM_001053) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SSTR5 |
| Synonyms: | SS-5-R |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_001053 |
| ORF Size: | 1092 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC211799). |
| 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_001053.1 , NP_001044.1 |
| RefSeq Size: | 1095 bp |
| RefSeq ORF: | 1095 bp |
| Locus ID: | 6755 |
| UniProt ID: | P35346 |
| Cytogenetics: | 16p13.3 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways: | Neuroactive ligand-receptor interaction |



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MW: 39 kDa

Gene Summary: Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and tumoral tissue targets by interacting with somatostatin receptors (SSTRs). The protein encoded by this gene is one of the SSTRs, which is a multi-pass membrane protein and belongs to the G-protein coupled receptor 1 family. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase, and different regions of this receptor molecule are required for the activation of different signaling pathways. A mutation in this gene results in somatostatin analog resistance. Alternatively spliced transcript variants have been identified in this gene.[provided by RefSeq, Feb 2010]