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Product datasheet for RC205146L3V

Somatostatin Receptor 2 (SSTR2) (NM_001050) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Somatostatin Receptor 2 (SSTR2) (NM_001050) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Somatostatin Receptor 2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001050
ORF Size:	1107 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205146).
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_001050.1
RefSeq Size:	2996 bp
RefSeq ORF:	1110 bp
Locus ID:	6752
UniProt ID:	P30874
Cytogenetics:	17q25.1
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction

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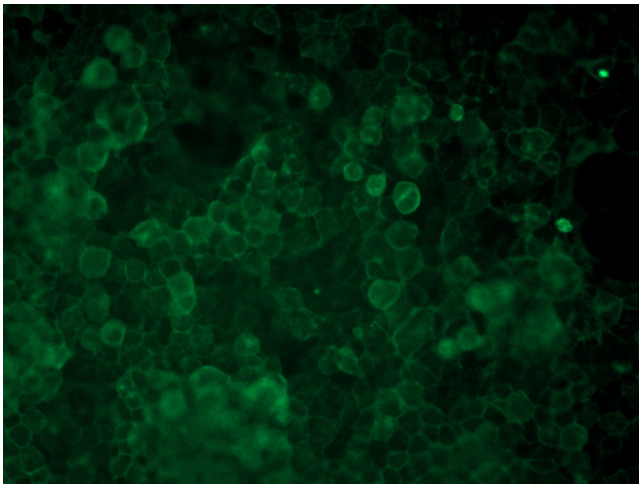
MW: 41.3 kDa

Gene Summary: Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR2 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in cerebrum and kidney. [provided by RefSeq, Jul 2008]

Product images:



[RC205146L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC205146L3V particle to overexpress human SSTR2-Myc-DDK fusion protein.