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Product datasheet for RC206525L3V

NPY5R (NM_006174) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NPY5R (NM_006174) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPY5R
Synonyms:	NPY5-R; NPYR5; NPYY5-R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006174
ORF Size:	1335 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206525).
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_006174.2
RefSeq Size:	1936 bp
RefSeq ORF:	1338 bp
Locus ID:	4889
UniProt ID:	Q15761
Cytogenetics:	4q32.2
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane

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Protein Pathways: Neuroactive ligand-receptor interaction

MW: 50.5 kDa

Gene Summary: The protein encoded by this gene is a receptor for neuropeptide Y and peptide YY. The encoded protein appears to be involved in regulating food intake, with defects in this gene being associated with eating disorders. Also, the encoded protein is involved in a pathway that protects neuroblastoma cells from chemotherapy-induced cell death, providing a possible therapeutic target against neuroblastoma. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2015]