

Product datasheet for **RC207775L4V**

Parathyroid Hormone Receptor 2 (PTH2R) (NM_005048) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Parathyroid Hormone Receptor 2 (PTH2R) (NM_005048) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Parathyroid Hormone Receptor 2
Synonyms:	PTHR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005048
ORF Size:	1650 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207775).
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_005048.2
RefSeq Size:	2734 bp
RefSeq ORF:	1653 bp
Locus ID:	5746
UniProt ID:	P49190
Cytogenetics:	2q34
Domains:	7tm_2, HormR



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Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

MW: 62.2 kDa

Gene Summary: The protein encoded by this gene is a member of the G-protein coupled receptor 2 family. This protein is a receptor for parathyroid hormone (PTH). This receptor is more selective in ligand recognition and has a more specific tissue distribution compared to parathyroid hormone receptor 1 (PTH1R). It is activated only by PTH and not by parathyroid hormone-like hormone (PTHrP) and is particularly abundant in brain and pancreas. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]