

Product datasheet for **RC219654L4V**

TRPV5 (NM_019841) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRPV5 (NM_019841) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRPV5
Synonyms:	CAT2; ECAC1; OTRPC3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019841
ORF Size:	2187 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219654).
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_019841.4 , NP_062815.2
RefSeq Size:	2486 bp
RefSeq ORF:	2190 bp
Locus ID:	56302
UniProt ID:	Q9NQA5
Cytogenetics:	7q34
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane
MW:	83 kDa



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Gene Summary:

This gene is a member of the transient receptor family and the TrpV subfamily. The calcium-selective channel encoded by this gene has 6 transmembrane-spanning domains, multiple potential phosphorylation sites, an N-linked glycosylation site, and 5 ANK repeats. This protein forms homotetramers or heterotetramers and is activated by a low internal calcium level. [provided by RefSeq, Jul 2008]