

Product datasheet for **RC213238L4V**

TRPC5 (NM_012471) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRPC5 (NM_012471) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRPC5
Synonyms:	PPP1R159; TRP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012471
ORF Size:	2919 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213238).
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_012471.1
RefSeq Size:	5839 bp
RefSeq ORF:	2922 bp
Locus ID:	7224
UniProt ID:	Q9UL62
Cytogenetics:	Xq23
Domains:	ANK, ion_trans
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane



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MW: 111.2 kDa

Gene Summary: This gene belongs to the transient receptor family. It encodes one of the seven mammalian TRPC (transient receptor potential channel) proteins. The encoded protein is a multi-pass membrane protein and is thought to form a receptor-activated non-selective calcium permeant cation channel. The protein is active alone or as a heteromultimeric assembly with TRPC1, TRPC3, and TRPC4. It also interacts with multiple proteins including calmodulin, CABP1, enkurin, Na(+)-H+ exchange regulatory factor (NHERF), interferon-induced GTP-binding protein (MX1), ring finger protein 24 (RNF24), and SEC14 domain and spectrin repeat-containing protein 1 (SESTD1). [provided by RefSeq, May 2010]