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Product datasheet for RC221441L3V

C15ORF27 (TMEM266) (NM_152335) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C15ORF27 (TMEM266) (NM_152335) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C15ORF27
Synonyms:	C15orf27; HsHVRP1; hTMEM266; HVRP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152335
ORF Size:	1593 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221441).
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_152335.2
RefSeq Size:	2414 bp
RefSeq ORF:	1596 bp
Locus ID:	123591
UniProt ID:	Q2M3C6
Cytogenetics:	15q24.2
Protein Families:	Druggable Genome, Transmembrane
MW:	58.3 kDa

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Gene Summary: Voltage-sensor protein present on the post-synaptic side of glutamatergic mossy fibers and granule cells in the cerebellum (PubMed:25165868, PubMed:30810529). Despite the presence of a voltage-sensor segment, does not form a functional ion channel and its precise role remains unclear (PubMed:25165868, PubMed:30810529). Undergoes both rapid and slow structural rearrangements in response to changes in voltage (PubMed:30810529). Contains a zinc-binding site that can regulate the slow conformational transition (PubMed:30810529). [UniProtKB/Swiss-Prot Function]