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Product datasheet for RC216919L3V

DPP6 (NM_001039350) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DPP6 (NM_001039350) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DPP6
Synonyms:	DPL1; DPPX; MRD33; VF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001039350
ORF Size:	2403 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216919).
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_001039350.1
RefSeq Size:	4571 bp
RefSeq ORF:	2406 bp
Locus ID:	1804
Cytogenetics:	7q36.2
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	91.1 kDa

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Gene Summary: This gene encodes a single-pass type II membrane protein that is a member of the peptidase S9B family of serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Variations in this gene may be associated with susceptibility to amyotrophic lateral sclerosis and with idiopathic ventricular fibrillation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]