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Product datasheet for RC224465L3V

DPP9 (NM_139159) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DPP9 (NM_139159) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DPP9
Synonyms:	DP9; DPLP9; DPP IX; DPRP-2; DPRP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_139159
ORF Size:	2550 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224465).`
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_139159.3, NP_631898.2
RefSeq Size:	4274 bp
RefSeq ORF:	2679 bp
Locus ID:	91039
UniProt ID:	Q86TI2
Cytogenetics:	19p13.3
Domains:	Peptidase_S9, DPPIV_N_term
Protein Families:	Druggable Genome, Protease

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MW: 96.4 kDa

Gene Summary: This gene encodes a protein that is a member of the S9B family in clan SC of the serine proteases. The protein has been shown to have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Although the activity of this protein is similar to that of dipeptidyl peptidase 4 (DPP4), it does not appear to be membrane bound. In general, dipeptidyl peptidases appear to be involved in the regulation of the activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. Several transcript variants of this gene have been described but not fully characterized. [provided by RefSeq, Jul 2008]