

Product datasheet for **RC214685L4V**

DPP8 (NM_130434) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DPP8 (NM_130434) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DPP8
Synonyms:	DP8; DPRP-1; DPRP1; MSTP097; MSTP097; MSTP135; MSTP141
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_130434
ORF Size:	2646 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214685).
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_130434.2
RefSeq Size:	3146 bp
RefSeq ORF:	2649 bp
Locus ID:	54878
UniProt ID:	Q6V1X1
Cytogenetics:	15q22.31
Domains:	Peptidase_S9, DPPIV_N_term
Protein Families:	Druggable Genome, Protease, Transmembrane



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MW: 101.2 kDa

Gene Summary: This gene encodes a member of the peptidase S9B family, a small family of dipeptidyl peptidases that are able to cleave peptide substrates at a prolyl bond. The encoded protein shares similarity with dipeptidyl peptidase IV in that it is ubiquitously expressed, and hydrolyzes the same substrates. These similarities suggest that, like dipeptidyl peptidase IV, this protein may play a role in T-cell activation and immune function. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]