

## Product datasheet for **RC219210L4V**

### Trypsin (PRSS1) (NM\_002769) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Trypsin (PRSS1) (NM_002769) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Trypsin
Synonyms:	TRP1; TRY1; TRY4; TRYP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002769
ORF Size:	741 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219210).
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. <a href="#">More info</a>
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:	<a href="#">NM_002769.2</a>
RefSeq Size:	800 bp
RefSeq ORF:	744 bp
Locus ID:	5644
UniProt ID:	<a href="#">P07477</a>
Cytogenetics:	7q34
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Neuroactive ligand-receptor interaction



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**MW:** 26.56 kDa

**Gene Summary:** This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq, Jul 2008]