

Product datasheet for **RC219372L4V**

PRSS57 (NM_214710) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRSS57 (NM_214710) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRSS57
Synonyms:	NSP4; PRSSL1; UNQ782
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_214710
ORF Size:	849 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219372).
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_214710.5
RefSeq Size:	1114 bp
RefSeq ORF:	852 bp
Locus ID:	400668
UniProt ID:	Q6UWY2
Cytogenetics:	19p13.3
Protein Families:	Protease
MW:	30.3 kDa


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Gene Summary:

This gene encodes an arginine-specific serine protease and member of the peptidase S1 family of proteins. The encoded protein may undergo proteolytic activation before storage in azurophil granules, in neutrophil cells of the immune system. Following neutrophil activation, the protease is released into the pericellular environment, where it may play a role in defense against microbial pathogens. [provided by RefSeq, Jul 2016]