

Product datasheet for **RC217066L4V**

TMPRSS11D (NM_004262) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TMPRSS11D (NM_004262) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMPRSS11D
Synonyms:	ASP; HAT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004262
ORF Size:	1254 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217066).
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_004262.2
RefSeq Size:	2800 bp
RefSeq ORF:	1257 bp
Locus ID:	9407
UniProt ID:	O60235
Cytogenetics:	4q13.2
Protein Families:	Druggable Genome, Protease, Secreted Protein, Transmembrane
MW:	46.1 kDa



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Gene Summary:

This gene encodes a trypsin-like serine protease released from the submucosal serous glands onto mucous membrane. It is a type II integral membrane protein and has 29-38% identity in the sequence of the catalytic region with human hepsin, enteropeptidase, acrosin, and mast cell tryptase. The noncatalytic region has little similarity to other known proteins. This protein may play some biological role in the host defense system on the mucous membrane independently of or in cooperation with other substances in airway mucous or bronchial secretions. [provided by RefSeq, Jul 2008]