

Product datasheet for **RC223128L3V**

PRSS16 (NM_005865) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRSS16 (NM_005865) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRSS16
Synonyms:	TSSP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005865
ORF Size:	1542 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223128).
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_005865.2
RefSeq Size:	2722 bp
RefSeq ORF:	1545 bp
Locus ID:	10279
UniProt ID:	Q9NQE7
Cytogenetics:	6p22.1
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	54.9 kDa


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Gene Summary:

This gene encodes a serine protease expressed exclusively in the thymus. It is thought to play a role in the alternative antigen presenting pathway used by cortical thymic epithelial cells during the positive selection of T cells. The gene is found in the large histone gene cluster on chromosome 6, near the major histocompatibility complex (MHC) class I region. A second transcript variant has been described, but its full length nature has not been determined. [provided by RefSeq, Jul 2008]