

## Product datasheet for **RC212189L4V**

### PSMA8 (NM\_144662) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PSMA8 (NM_144662) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSMA8
Synonyms:	PSMA7L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144662
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212189).
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_144662.2</a>
RefSeq Size:	1829 bp
RefSeq ORF:	771 bp
Locus ID:	143471
UniProt ID:	<a href="#">Q8TAA3</a>
Cytogenetics:	18q11.2
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Proteasome



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**MW:** 28.3 kDa

**Gene Summary:** Component of the spermatoproteasome, a form of the proteasome specifically found in testis that promotes degradation of histones, thereby participating actively to the exchange of histones during spermatogenesis. The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH (By similarity).[UniProtKB/Swiss-Prot Function]