

Product datasheet for **MR227216L4V**

P2rx7 (NM_011027) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	P2rx7 (NM_011027) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	P2rx7
Synonyms:	AI467586; P2X(7); P2X7R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011027
ORF Size:	1785 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227216).
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_011027.2
RefSeq Size:	4931 bp
RefSeq ORF:	1788 bp
Locus ID:	18439
UniProt ID:	Q9Z1M0
Cytogenetics:	5 F



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Gene Summary:

Receptor for ATP that acts as a ligand-gated ion channel. Responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Could function in both fast synaptic transmission and the ATP-mediated lysis of antigen-presenting cells. In the absence of its natural ligand, ATP, functions as a scavenger receptor in the recognition and engulfment of apoptotic cells.[UniProtKB/Swiss-Prot Function]