

Product datasheet for **RR212678L3V**

Reg3g (NM_173097) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Reg3g (NM_173097) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Reg3g
Synonyms:	Pap3; PAPIII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173097
ORF Size:	522 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212678).
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_173097.1 , NP_775120.1
RefSeq Size:	773 bp
RefSeq ORF:	525 bp
Locus ID:	24620
UniProt ID:	P42854
Cytogenetics:	4q33



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Gene Summary:

Bactericidal C-type lectin which acts exclusively against Gram-positive bacteria and mediates bacterial killing by binding to surface-exposed carbohydrate moieties of peptidoglycan. Restricts bacterial colonization of the intestinal epithelial surface and consequently limits activation of adaptive immune responses by the microbiota. The uncleaved form has bacteriostatic activity, whereas the cleaved form has bactericidal activity against *L.monocytogenes* and methicillin-resistant *S.aureus*. Regulates keratinocyte proliferation and differentiation after skin injury (By similarity).[UniProtKB/Swiss-Prot Function]