

Product datasheet for **MR220958L4V**

Rilp (NM_001029938) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rilp (NM_001029938) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rilp
Synonyms:	AI835553; Gm857
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001029938
ORF Size:	1110 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220958).
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_001029938.1 , NP_001025109.1
RefSeq Size:	1510 bp
RefSeq ORF:	1110 bp
Locus ID:	280408
UniProt ID:	Q5ND29
Cytogenetics:	11 B5



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Gene Summary:

Rab effector playing a role in late endocytic transport to degradative compartments. Involved in the regulation of lysosomal morphology and distribution. Induces recruitment of dynein-dynactin motor complexes to Rab7A-containing late endosome and lysosome compartments. Promotes centripetal migration of phagosomes and the fusion of phagosomes with the late endosomes and lysosomes.[UniProtKB/Swiss-Prot Function]