

Product datasheet for **RR206130L4V**

Myzap (NM_001014211) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myzap (NM_001014211) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Myzap
Synonyms:	Gcom1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001014211
ORF Size:	1398 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR206130).
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_001014211.1 , NP_001014233.1
RefSeq Size:	2220 bp
RefSeq ORF:	1401 bp
Locus ID:	363091
UniProt ID:	Q5EB94
Cytogenetics:	8q24



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Gene Summary:

Plays a role in cellular signaling via Rho-related GTP-binding proteins and activation of transcription factor SRF. Targets TJP1 to cell junctions (By similarity). In cortical neurons, may play a role in glutaminergic signal transduction through interaction with the NMDA receptor subunit GRIN1.[UniProtKB/Swiss-Prot Function]