

Product datasheet for **MR217615L4V**

Brap (NM_028227) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Brap (NM_028227) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Brap
Synonyms:	3010002G07Rik; BRAP2; IMP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028227
ORF Size:	1773 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217615).
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_028227.2 , NP_082503.2
RefSeq Size:	3727 bp
RefSeq ORF:	1776 bp
Locus ID:	72399
UniProt ID:	Q99MP8
Cytogenetics:	5 F



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Gene Summary:

Negatively regulates MAP kinase activation by limiting the formation of Raf/MEK complexes probably by inactivation of the KSR1 scaffold protein. Also acts as a Ras responsive E3 ubiquitin ligase that, on activation of Ras, is modified by auto-polyubiquitination resulting in the release of inhibition of Raf/MEK complex formation. May also act as a cytoplasmic retention protein with a role in regulating nuclear transport (By similarity).[UniProtKB/Swiss-Prot Function]