

## Product datasheet for **MR209748L4V**

### Ralbp1 (NM\_009067) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ralbp1 (NM_009067) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ralbp1
Synonyms:	Rip1; RLIP76
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009067
ORF Size:	1947 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209748).
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. <a href="#">More info</a>
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:	<a href="#">NM_009067.1</a>
RefSeq Size:	4112 bp
RefSeq ORF:	1947 bp
Locus ID:	19765
UniProt ID:	<a href="#">Q62172</a>
Cytogenetics:	17 35.26 cM



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**Gene Summary:**

Can activate specifically hydrolysis of GTP bound to RAC1 and CDC42, but not RALA. Mediates ATP-dependent transport of S-(2,4-dinitrophenyl)-glutathione (DNP-SG) and doxorubicin (DOX) and is the major ATP-dependent transporter of glutathione conjugates of electrophiles (GS-E) and DOX in erythrocytes. Can catalyze transport of glutathione conjugates and xenobiotics, and may contribute to the multidrug resistance phenomenon. Serves as a scaffold protein that brings together proteins forming an endocytotic complex during interphase and also with CDK1 to switch off endocytosis, One of its substrates would be EPN1/Epsin (By similarity).[UniProtKB/Swiss-Prot Function]