

Product datasheet for **MR220253L4V**

Rbpms (NM_001042675) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rbpms (NM_001042675) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rbpms
Synonyms:	2010300K22Rik; 2700019M19Rik; AU017537; hermes; RBP-MS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001042675
ORF Size:	660 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220253).
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_001042675.1 , NP_001036140.1
RefSeq Size:	1064 bp
RefSeq ORF:	663 bp
Locus ID:	19663
UniProt ID:	Q9WVB0
Cytogenetics:	8 A4



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Gene Summary:

Acts as a coactivator of transcriptional activity. Required to increase TGF β 1/Smad-mediated transactivation. Acts through SMAD2, SMAD3 and SMAD4 to increase transcriptional activity. Increases phosphorylation of SMAD2 and SMAD3 on their C-terminal SSXS motif, possibly through recruitment of TGFBR1. Promotes the nuclear accumulation of SMAD2, SMAD3 and SMAD4 proteins. Binds to poly(A) RNA.[UniProtKB/Swiss-Prot Function]