

Product datasheet for **MR222330L4V**

Rassf5 (NM_018750) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rassf5 (NM_018750) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rassf5
Synonyms:	1300019G20Rik; Maxp1; Nore1; Nore1A; Nore1B; Rapl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018750
ORF Size:	1242 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222330).
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_018750.3 , NP_061220.2
RefSeq Size:	3421 bp
RefSeq ORF:	1242 bp
Locus ID:	54354
UniProt ID:	Q5EBH1
Cytogenetics:	1 56.91 cM



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Gene Summary:

Potential tumor suppressor. Seems to be involved in lymphocyte adhesion by linking RAP1A activation upon T-cell receptor or chemokine stimulation to integrin activation. Isoform 2 stimulates lymphocyte polarization and the patch-like distribution of ITGAL/LFA-1, resulting in an enhanced adhesion to ICAM1. Together with RAP1A may participate in regulation of microtubule growth. The association of isoform 2 with activated RAP1A is required for directional movement of endothelial cells during wound healing (By similarity). May be involved in regulation of Ras apoptotic function. The RASSF5-STK4/MST1 complex may mediate HRAS and KRAS induced apoptosis.[UniProtKB/Swiss-Prot Function]