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Product datasheet for RR209533L4V

Lurap1 (NM_001109263) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lurap1 (NM_001109263) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Lurap1
Synonyms:	LRAP35a; Lrp35a; RGD1566001
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001109263
ORF Size:	717 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR209533).
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_001109263.1, NP_001102733.1
RefSeq Size:	1408 bp
RefSeq ORF:	720 bp
Locus ID:	500527
UniProt ID:	D4A8G3
Cytogenetics:	5q35

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Gene Summary: Acts as an activator of the canonical NF-kappa-B pathway and drive the production of proinflammatory cytokines. Promotes the antigen (Ag)-presenting and priming function of dendritic cells via the canonical NF-kappa-B pathway (By similarity). In concert with MYO18A and CDC42BPA/CDC42BPB, is involved in modulating lamellar actomyosin retrograde flow that is crucial to cell protrusion and migration. Activates CDC42BPA/CDC42BPB and targets it to actomyosin through its interaction with MYO18A, leading to MYL9/MLC2 phosphorylation and MYH9/MYH10-dependent actomyosin assembly in the lamella.[UniProtKB/Swiss-Prot Function]