Product datasheet for RR211529L4V

Irf2bpl (NM_001012470) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Irf2bpl (NM_001012470) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Irf2bpl
Synonyms:	Eap1; Pqcp; RGD1310994
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001012470
ORF Size:	2349 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR211529).
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_001012470.1, NP_001012488.1
RefSeq Size:	2352 bp
RefSeq ORF:	2352 bp
Locus ID:	314329
UniProt ID:	Q5EIC4
Cytogenetics:	6q31

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Gene Summary: Probable E3 ubiquitin protein ligase involved in the proteasome-mediated ubiquitin-dependent degradation of target proteins. Through the degradation of CTNNB1, functions downstream of FOXF2 to negatively regulate the Wnt signaling pathway. Probably plays a role in the development of the central nervous system and in neuronal maintenance (By similarity). Also acts as a transcriptional regulator of genes controlling female reproductive function. May play a role in gene transcription by transactivating GNRH1 promoter and repressing PENK promoter.[UniProtKB/Swiss-Prot Function]