Product datasheet for RR201809L3V

Tada2a (NM_001012141) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tada2a (NM_001012141) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Tada2a
Synonyms:	Tada2l
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001012141
ORF Size:	1329 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR201809).
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_001012141.1, NP_001012141.1
RefSeq Size:	2124 bp
RefSeq ORF:	1332 bp
Locus ID:	360581
UniProt ID:	Q6AYE3
Cytogenetics:	10q26

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Gene Summary: Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4. Required for the function of some acidic activation domains, which activate transcription from a distant site. Binds double-stranded DNA. Binds dinucleosomes, probably at the linker region between neighboring nucleosomes. Plays a role in chromatin remodeling. May promote TP53/p53 'Lys-321' acetylation, leading to reduced TP53 stability and transcriptional activity. May also promote XRCC6 acetylation thus facilitating cell apoptosis in response to DNA damage.[UniProtKB/Swiss-Prot Function]