OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MR223066L3V

Adnp (NM_009628) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adnp (NM_009628) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adnp
Synonyms:	AA589558; mKIAA0784
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009628
ORF Size:	3324 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223066).
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_009628.3, NP_033758.2
RefSeq Size:	4953 bp
RefSeq ORF:	3327 bp
Locus ID:	11538
UniProt ID:	Q9Z103
Cytogenetics:	2 H3

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Gene Summary: This gene encodes a member of a protein family characterized by nine zinc finger motifs followed by a homeobox domain. In vitro studies demonstrate that the encoded protein interacts with the brahma-related gene1-associated or hBRM factors (BAF) gene expression regulating complex, components of the protein translation machinery, and microtubule-associated proteins. This gene has been implicated in neuroprotection through various processes that include chromatin remodeling, splicing, cytoskeletal reorganization, and autophagy. Homozygous mutant knockout mice display embryonic lethality with defects in neural tube closure. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]