Product datasheet for MR206981L4V

Cdca7l (NM_146040) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Cdca7l
Synonyms:	BC006933; JPO2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_146040
ORF Size:	1314 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206981).
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_146040.1, NP_666152.1
RefSeq Size:	2626 bp
RefSeq ORF:	1317 bp
Locus ID:	217946
UniProt ID:	Q922M5
Cytogenetics:	12 F2

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Gene Summary:

Plays a role in transcriptional regulation as a repressor that inhibits monoamine oxidase A (MAOA) activity and gene expression by binding to the promoter. Plays an important oncogenic role in mediating the full transforming effect of MYC in medulloblastoma cells (By similarity). Involved in apoptotic signaling pathways; May act downstream of P38-kinase and BCL-2, but upstream of CASP3/caspase-3 as well as CCND1/cyclin D1 and E2F1. [UniProtKB/Swiss-Prot Function]