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Product datasheet for MR205281L3V

Dkk3 (NM_015814) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dkk3 (NM_015814) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dkk3
Synonyms:	AW061014; C87148; dkk-3; mDkk-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015814
ORF Size:	1050 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205281).
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_015814.2
RefSeq Size:	3357 bp
RefSeq ORF:	1050 bp
Locus ID:	50781
UniProt ID:	Q9QUN9
Cytogenetics:	7 F1

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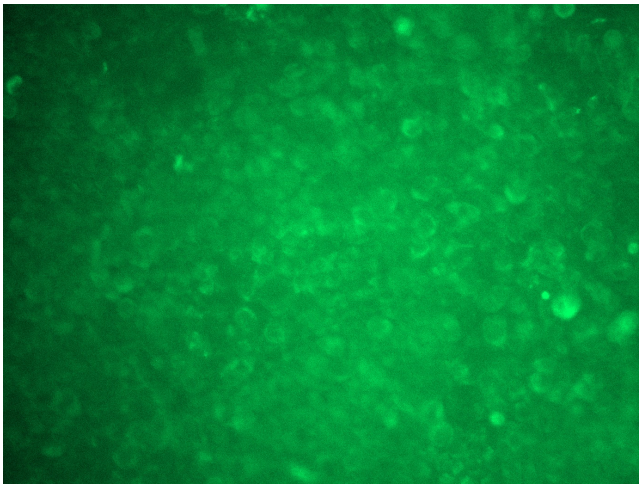
Gene Summary: Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



[MR205281L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR205281L3V particle to overexpress human Dkk3-Myc-DDK fusion protein.