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Product datasheet for MR204317L3V

Dok5 (NM_029761) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dok5 (NM_029761) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dok5
Synonyms:	2700055C10Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_029761
ORF Size:	915 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR204317).`
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_029761.2, NP_084037.2
RefSeq Size:	1774 bp
RefSeq ORF:	921 bp
Locus ID:	76829
UniProt ID:	Q91ZM9
Cytogenetics:	2 92.26 cM

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Gene Summary: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK5 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway. Putative link with downstream effectors of RET in neuronal differentiation. [UniProtKB/Swiss-Prot Function]