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Product datasheet for MR226550L4V

Dok3 (NM_013739) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dok3 (NM_013739) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dok3
Synonyms:	AI450713; Dokl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013739
ORF Size:	1335 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR226550).`
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_013739.2, NP_038767.1
RefSeq Size:	1546 bp
RefSeq ORF:	1335 bp
Locus ID:	27261
UniProt ID:	Q9QZK7
Cytogenetics:	13 B1

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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. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL1 function.[UniProtKB/Swiss-Prot Function]