

## Product datasheet for **MR206494L4V**

### Dok2 (NM\_010071) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Dok2 (NM_010071) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dok2
Synonyms:	dok-R; DokR; Frip
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010071
ORF Size:	1236 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206494).
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. <a href="#">More info</a>
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:	<a href="#">NM_010071.2</a> , <a href="#">NP_034201.1</a>
RefSeq Size:	1717 bp
RefSeq ORF:	1239 bp
Locus ID:	13449
UniProt ID:	<a href="#">O70469</a>
Cytogenetics:	14 36.71 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. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation.[UniProtKB/Swiss-Prot Function]