

## Product datasheet for **MR208992L4V**

### Fastkd3 (BC042506) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Fastkd3 (BC042506) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fastkd3
Synonyms:	2310010B21Rik; AW048587
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC042506
ORF Size:	2937 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208992).
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="#">BC042506</a> , <a href="#">AAH42506</a>
RefSeq Size:	2522 bp
RefSeq ORF:	1715 bp
Locus ID:	69577
Cytogenetics:	13 B3
Gene Summary:	Required for normal mitochondrial respiration. Increases steady-state levels and half-lives of a subset of mature mitochondrial mRNAs MT-ND2, MT-ND3, MT-CYTB, MT-CO2, and MT-ATP8/6. Promotes MT-CO1 mRNA translation and increases mitochondrial complex IV assembly and activity.[UniProtKB/Swiss-Prot Function]


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