

## Product datasheet for **MR207237L3V**

### **Dnaja3 (NM\_001135112) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Dnaja3 (NM_001135112) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dnaja3
Synonyms:	1200003J13Rik; 1810053A11Rik; C81173; Tid-1; Tid11
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001135112
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207237).
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_001135112.1</a> , <a href="#">NP_001128584.1</a>
RefSeq Size:	2549 bp
RefSeq ORF:	1362 bp
Locus ID:	83945
UniProt ID:	<a href="#">Q99M87</a>
Cytogenetics:	16 2.46 cM



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**Gene Summary:**

Modulates apoptotic signal transduction or effector structures within the mitochondrial matrix. Affect cytochrome C release from the mitochondria and caspase 3 activation, but not caspase 8 activation. Isoform 1 increases apoptosis triggered by both TNF and the DNA-damaging agent mytomyacin C; in sharp contrast, isoform 2 suppresses apoptosis. Can modulate IFN-gamma-mediated transcriptional activity (By similarity). Isoform 2 may play a role in neuromuscular junction development as an effector of the MUSK signaling pathway. [UniProtKB/Swiss-Prot Function]