

Product datasheet for **MR205083L4V**

Dnajb1 (NM_018808) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dnajb1 (NM_018808) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dnajb1
Synonyms:	0610007111Rik; DjB1; Hdj1; Hsp; Hsp40; HSPF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018808
ORF Size:	1023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205083).
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_018808.1
RefSeq Size:	2284 bp
RefSeq ORF:	1023 bp
Locus ID:	81489
UniProt ID:	Q9QYJ3
Cytogenetics:	8 C2



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Gene Summary:

This gene encodes a member of the Dnaj or Hsp40 (heat shock protein 40 kD) family of proteins. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. The encoded protein may also inhibit apoptosis. Peritoneal macrophages derived from homozygous knockout mice for this gene exhibit impaired heat tolerance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]