

## Product datasheet for **MR203957L3V**

### Impa2 (NM\_053261) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Impa2 (NM_053261) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Impa2
Synonyms:	2210415D20Rik; AI326924; AW259601
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_053261
ORF Size:	873 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203957).
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_053261.2</a> , <a href="#">NP_444491.1</a>
RefSeq Size:	1386 bp
RefSeq ORF:	873 bp
Locus ID:	114663
UniProt ID:	<a href="#">Q91UZ5</a>
Cytogenetics:	18 E1



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**Gene Summary:**

Can use myo-inositol monophosphates, scylloinositol 1,4-diphosphate, glucose-1-phosphate, beta-glycerophosphate, and 2'-AMP as substrates. Has been implicated as the pharmacological target for lithium Li(+) action in brain (By similarity).[UniProtKB/Swiss-Prot Function]