

## Product datasheet for **MR208826L3V**

### Isyna1 (NM\_023627) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Isyna1 (NM_023627) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Isyna1
Synonyms:	1300017C10Rik; AU018670
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_023627
ORF Size:	1674 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208826).
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_023627.1</a> , <a href="#">NP_076116.1</a>
RefSeq Size:	1850 bp
RefSeq ORF:	1674 bp
Locus ID:	71780
UniProt ID:	<a href="#">Q9JHU9</a>
Cytogenetics:	8 B3.3



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**Gene Summary:**

Key enzyme in myo-inositol biosynthesis pathway that catalyzes the conversion of glucose 6-phosphate to 1-myo-inositol 1-phosphate in a NAD-dependent manner. Rate-limiting enzyme in the synthesis of all inositol-containing compounds (By similarity).[UniProtKB/Swiss-Prot Function]