

Product datasheet for **MR200804L4V**

Cisd2 (NM_025902) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cisd2 (NM_025902) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cisd2
Synonyms:	1500009M05Rik; 1500026J14Rik; 1500031D15Rik; AI848398; B630006A20Rik; Miner1; Noxp70
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025902
ORF Size:	408 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200804).
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_025902.2
RefSeq Size:	2885 bp
RefSeq ORF:	408 bp
Locus ID:	67006
UniProt ID:	Q9CQB5
Cytogenetics:	3 G3



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Gene Summary:

Regulator of autophagy that contributes to antagonize BECN1-mediated cellular autophagy at the endoplasmic reticulum. Participates in the interaction of BCL2 with BECN1 and is required for BCL2-mediated depression of endoplasmic reticulum Ca(2+) stores during autophagy. Contributes to BIK-initiated autophagy, while it is not involved in BIK-dependent activation of caspases. Involved in life span control, probably via its function as regulator of autophagy (By similarity).[UniProtKB/Swiss-Prot Function]