

Product datasheet for **MR218660L4V**

Csad (NM_144942) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Csad (NM_144942) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Csad
Synonyms:	Csd
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144942
ORF Size:	1479 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218660).
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_144942.4 , NP_659191.1
RefSeq Size:	2265 bp
RefSeq ORF:	1482 bp
Locus ID:	246277
UniProt ID:	Q9DBE0
Cytogenetics:	15 F2



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Gene Summary:

Catalyzes the decarboxylation of L-aspartate, 3-sulfinyl-L-alanine (cysteine sulfinic acid), and L-cysteate to beta-alanine, hypotaurine and taurine, respectively. The preferred substrate is 3-sulfinyl-L-alanine. Does not exhibit any decarboxylation activity toward glutamate.
[UniProtKB/Swiss-Prot Function]