

Product datasheet for **RC229266L4V**

CSAD (NM_015989) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CSAD (NM_015989) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CSAD
Synonyms:	CSD; PCAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015989
ORF Size:	1560 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229266).
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_015989.4
RefSeq ORF:	1563 bp
Locus ID:	51380
UniProt ID:	Q9Y600
Cytogenetics:	12q13.13
Domains:	pyridoxal_deC
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Taurine and hypotaurine metabolism



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MW: 57.8 kDa

Gene Summary: This gene encodes a member of the group 2 decarboxylase family. A similar protein in rodents plays a role in multiple biological processes as the rate-limiting enzyme in taurine biosynthesis, catalyzing the decarboxylation of cysteinesulfinate to hypotaurine. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]