

Product datasheet for **RC209193L4V**

CASD1 (NM_022900) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CASD1 (NM_022900) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CASD1
Synonyms:	C7orf12; NBLA04196; SOAT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022900
ORF Size:	2391 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209193).
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_022900.3 , NP_075051.3
RefSeq Size:	3898 bp
RefSeq ORF:	2394 bp
Locus ID:	64921
UniProt ID:	Q96PB1
Cytogenetics:	7q21.3
Protein Families:	Transmembrane
MW:	91.6 kDa



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Gene Summary:

O-acetyltransferase that catalyzes 9-O-acetylation of sialic acids (PubMed:20947662, PubMed:26169044). Sialic acids are sugars at the reducing end of glycoproteins and glycolipids, and are involved in various processes such as cell-cell interactions, host-pathogen recognition (PubMed:20947662, PubMed:26169044).[UniProtKB/Swiss-Prot Function]