

Product datasheet for **RC228685L4V**

NACAD (NM_001146334) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NACAD (NM_001146334) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NACAD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001146334
ORF Size:	4686 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228685).
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_001146334.1
RefSeq ORF:	4689 bp
Locus ID:	23148
UniProt ID:	O15069
Cytogenetics:	7p13
MW:	160.9 kDa


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Gene Summary:

May prevent inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). May bind to nascent polypeptide chains as they emerge from the ribosome and block their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. May also reduce the inherent affinity of ribosomes for protein translocation sites in the ER membrane (M sites) (By similarity).[UniProtKB/Swiss-Prot Function]