

Product datasheet for **RC217978L4V**

NALP6 (NLRP6) (NM_138329) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NALP6 (NLRP6) (NM_138329) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NALP6
Synonyms:	AVR; CLR11.4; NALP6; NAVR; NAVR/AVR; PAN3; PYPAF5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138329
ORF Size:	2676 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217978).
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_138329.2 , NP_612202.2
RefSeq Size:	2679 bp
RefSeq ORF:	2679 bp
Locus ID:	171389
UniProt ID:	P59044
Cytogenetics:	11p15.5
MW:	98.6 kDa


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Gene Summary:

The protein encoded by this gene binds arginine-vasopressin and may be involved in the arginine-vasopressin-mediated regulation of renal salt-water balance. The encoded protein also mediates inflammatory responses in the colon to allow recovery from intestinal epithelial damage and protects against tumorigenesis and the development of colitis. Finally, this protein can increase activation of NF-kappa-B, activation of CASP1 through interaction with ASC, and cAMP accumulation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]