

Product datasheet for **RC208017L4V**

VPS52 (NM_022553) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VPS52 (NM_022553) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VPS52
Synonyms:	ARE1; dj1033B10.5; SAC2; SACM2L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022553
ORF Size:	2169 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208017).
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_022553.4
RefSeq Size:	2990 bp
RefSeq ORF:	2172 bp
Locus ID:	6293
UniProt ID:	Q8N1B4
Cytogenetics:	6p21.32
Domains:	Vps52
MW:	82.7 kDa



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Gene Summary:

This gene encodes a protein that is similar to the yeast suppressor of actin mutations 2 gene. The yeast protein forms a subunit of the tetrameric Golgi-associated retrograde protein complex that is involved in vesicle trafficking from from both early and late endosomes, back to the trans-Golgi network. This gene is located on chromosome 6 in a head-to-head orientation with the gene encoding ribosomal protein S18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]