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Product datasheet for RC202317L3V

C17orf27 (RNF213) (NM_020954) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C17orf27 (RNF213) (NM_020954) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C17orf27
Synonyms:	ALO17; C17orf27; KIAA1618; MYMY2; MYSTR; NET57
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_020954
ORF Size:	3189 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202317).`
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_020954.2
RefSeq Size:	5337 bp
RefSeq ORF:	3192 bp
Locus ID:	57674
UniProt ID:	Q63HN8
Cytogenetics:	17q25.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	118.4 kDa

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Gene Summary: This gene encodes a protein containing a C3HC4-type RING finger domain, which is a specialized type of Zn-finger that binds two atoms of zinc and is thought to be involved in mediating protein-protein interactions. The protein also contains an AAA domain, which is associated with ATPase activity. This gene is a susceptibility gene for Moyamoya disease, a vascular disorder of intracranial arteries. This gene is also a translocation partner in anaplastic large cell lymphoma and inflammatory myofibroblastic tumor cases, where a t(2;17)(p23;q25) translocation has been identified with the anaplastic lymphoma kinase (ALK) gene on chromosome 2, and a t(8;17)(q24;q25) translocation has been identified with the MYC gene on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]