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Product datasheet for RC201579L4V

IRF6 (NM_006147) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IRF6 (NM_006147) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRF6
Synonyms:	LPS; OFC6; PIT; PPS; PPS1; VWS; VWS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006147
ORF Size:	1401 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201579).`
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_006147.2
RefSeq Size:	4505 bp
RefSeq ORF:	1404 bp
Locus ID:	3664
UniProt ID:	O14896
Cytogenetics:	1q32.2
Domains:	IRF
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors

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MW: 53.1 kDa

Gene Summary: This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2011]