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Product datasheet for RC223555L3V

IRF7 (NM_004031) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IRF7 (NM_004031) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRF7
Synonyms:	IMD39; IRF-7; IRF-7H; IRF7A; IRF7B; IRF7C; IRF7H
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004031
ORF Size:	1548 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC223555).`
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_004031.1, NP_004022.1
RefSeq Size:	1940 bp
RefSeq ORF:	1551 bp
Locus ID:	3665
UniProt ID:	Q92985
Cytogenetics:	11p15.5
Protein Families:	Transcription Factors

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Protein Pathways:	Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway
MW:	55.5 kDa
Gene Summary:	IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established. [provided by RefSeq, Jul 2008]