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Product datasheet for RC219921L1V

IFNAR2 (NM_000874) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IFNAR2 (NM_000874) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IFNAR2
Synonyms:	IFN-alpha-REC; IFN-R; IFNABR; IFNARB; IMD45
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000874
ORF Size:	993 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC219921).`
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_000874.3
RefSeq Size:	1428 bp
RefSeq ORF:	996 bp
Locus ID:	3455
UniProt ID:	P48551
Cytogenetics:	21q22.11
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Toll-like receptor signaling pathway
MW:	37.39 kDa
Gene Summary:	The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The protein belongs to the type II cytokine receptor family. Mutations in this gene are associated with Immunodeficiency 45. [provided by RefSeq, Jul 2020]