

Product datasheet for **RG218039**

IFNAR2 (NM_207585) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IFNAR2 (NM_207585) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IFNAR2
Synonyms:	IFN-alpha-REC; IFN-R; IFNABR; IFNARB; IMD45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG218039 representing NM_207585
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTTTGGCCAGAATGCCTTCATCTTCAGATCACTTAATTTGGTTTCATGGTGTATATCAGCCTCG
 TGTTTGGTATTTTCATATGATTCGCCTGATTACACAGATGAATCTTGCACCTTTCAAGATATCATTGCGAAA
 TTTCCGGTCCATCTTATCATGGGAATTAATAAACCCTCCATTGTACCAACTCACTATACATTGCTGTAT
 ACAATCATGAGTAAACCAGAAGATTTGAAGGTGGTTAAGAAGTGTGCAAAATACCACAAGATCATTTTGTG
 ACCTCACAGATGAGTGGAGAAGCACACAGAGGCCTATGTCACCGTCTAGAAAGATTACAGCGGGAACAC
 AACGTTGTTTCAGTTGCTCACACAATTTCTGGCTGGCCATAGACATGTCTTTTGAACCACCAGAGTTTGA
 ATTGTTGGTTTTACCAACCACATTAATGTGATGGTAAATTTCCATCTATTGTTGAGGAAGAATTACAGT
 TTGATTTATCTCTCGTCATTGAAGAACAGTCAGAGGGAATTGTTAAGAAGCATAAACCCGAAATAAAGG
 AAACATGAGTGGAAATTTACCTATATCATTGACAAGTTAATCCAAACACGAACTACTGTGTATCTGTT
 TATTTAGAGCACAGTGTAGCAAGCAGTAATAAAGTCTCCCTTAAAATGACCCCTCTCCACCTGGCC
 AGGAATCAGAATCAGCAGAATCTGCCAAAATAGGAGGAATAATTACTGTGTTTTTATAGCATTGGTCTT
 GACAAGCACCATAGTGACACTGAAATGGATTGGTTATATGCTTAAGAAATAGCCTCCCAAAGTCTTG
 AATTTTCATAACTTTTTAGCCTGGCCATTTCTAACCTGCCACCGTTGGAAGCCATGGATATGGTGGAGG
 TCATTTACATCAACAGAAAGAAGAAAGTGTGGGATTATAATTATGATGATGAAAGTATAGCATACTGA
 GGCAGCGCCAGGACAAGTGGCGGTGGCTATACCATGCATGGACTGACTGTCAGGCCTCTGGGTGAGGCC
 TCTGCCACCTCTACAGAATCCCAGTTGATAGACCCGGAGTCCGAGGAGGAGCCTGACCTGCCTGAGGTTG
 ATGTGGAGCTCCCACGATGCCAAGGACAGCCCTCAGCAGTTGGAAGTCTTGTGGGCTGTGAGG
 GAGAAAGAGTCCACTCCAGGACCTTTTCCGAAGAGGACTACAGCTCCACGGAGGGTCTGGGGGAGAG
 ATTACCTTCAATGTGGACTTAAACTCTGTGTTTTTGGAGGTTCTTGTGACGAGGACAGTACGACTTAG
 AAGCCCTCTGATGCTATCGTCTCATCTGGAAGAGATGGTTGACCCAGAGGATCCTGATAATGTGCAATC
 AAACCATTTGCTGGCCAGCGGGGAAGGGACACAGCCAACCTTTCCAGCCCTCTTCAGAGGCTGTGG
 TCCGAAGATGCTCCATCTGATCAAAGTACACTTCTGAGTCAGATGTTGACCTTGGGGATGGTTATATAA
 TGAGA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG218039 representing NM_207585
 Red=Cloning site Green=Tags(s)

MLLSQNAFIFRSLNVLVMVYISLVFGISYDSDPYTDESCTFKISLRNFRSILSWELKNHSIVPTHYLLY
 TIMSKPEDLKVVKNCANTRSFCDLTDEWRSTHEAYVTVLEGFSGNTTLFSCSHNFWLAIDMSFEPPEFE
 IVGFTNHINVMVKFPSIVEEELQFDLSLVIEEQSEGIVKHKPEIKGNMSGNFTYIIDKLIPTNTNYCVSV
 YLEHSDEQAVIKSPLKCTLLPPGQESSESAESAKIGGIITVFLIALVLTSTIVTLKWIGYICLRNSLPKVL
 NFHNFLAWFPNLPPEAMDMEVIYINRKKVWDYNYDDESDDTEAAPRTSGGGYTMHGLTVRPLGQA
 SATSTESQLIDPESEEPDLPEVDVELPTMPKDSPPQLELLSGPCERRKSPLQDPFPEEDYSSTEGSGGR
 ITFNVDLNSVFLRVLDDESDDDLEAPLMLSSHLEEMVDPEDPDNVQSNHLLASGEGTQPTFPSPSSEGLW
 SEDAPSDQSDTSESDVDLGDGYIMR

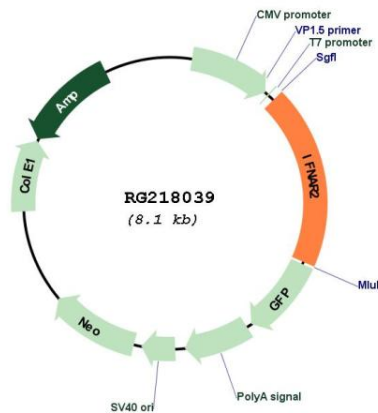
TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

RefSeq Size:	2898 bp
RefSeq ORF:	1548 bp
Locus ID:	3455
UniProt ID:	P48551
Cytogenetics:	21q22.11
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Toll-like receptor signaling pathway
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]

Product images:



Circular map for RG218039