

Product datasheet for **MG226594**

Ifngr1 (NM_010511) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifngr1 (NM_010511) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ifngr1
Synonyms:	CD119; Ifgr; IFN-gammaR; Ifngr; Nktar
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG226594 representing NM_010511
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCCGCAGGCGGCAGCTGGCAGGATGATTCTGCTGGTGGTCTGATGCTGTCTGCGAAGTTCGGGA
 GTGGAGCTTTGACGAGCACTGAGGATCCTGAGCCTCCCTCGGTGCCTGTACCGACGAATGTTCTAATTAA
 GTCTTATAACTTGAACCCTGTCGTATGCTGGGAATACCAGAACATGTCACAGACTCCTATTTTTACTGTA
 CAGGTAAGGTGTATTCGGGTTCTGGACTGATTCCTGCACCAACATTTCTGATCATTGTTGTAATATCT
 ATGAACAAATTATGTATCCTGATGTATCTGCCTGGGCCAGAGTTAAAGCTAAGGTTGGACAAAAAGAATC
 TGACTATGCACGGTCAAAGAGTTCCTTATGTGCCTAAAGGAAAGGTCGGGCCCCCTGGCTGGAGATC
 AGGAGGAAGAAGGAAGACAGCTCTCCGTCCTCGTATTTACCCTGAAGTCGTTGTAATGGAGAGAGCC
 AGGAACCATGTTTGGTACGGGAGCACCTGTTACACATTCGACTATACTGTGTATGTGGAGCATAACCG
 GAGTGGGAGATCTACATACGAAACATACGGTCGAAAAAGAAGAGTGAATGAGACTCTGTGTGAGTTA
 AACATCTCAGTATCCACTGGATTCCAGATATTTGATTTTCAGTAGACGGAATCTCATCTTTCTGGCAAG
 TTAGAACGAAAAATCGAAGACGCTGTATCCCTCCTTTCCATGATGACAGAAAGGATTCAATTTGGAT
 TCTGGTGGTTGCTCCTCTTACCCTCTTACAGTAGTTATCCTGGTATTTGCGTATTTGGTATACTAAGAAG
 AATTCAATCAAGAGAAAAAGCATAATGTTACCTAAGTCCTTGCTCTCTGTGGTAAAAAGTCCACGTTAG
 AGACAAAACCTGAATCGAAGTATCACTTGTACACCCGACCAGCCAGCTGTCTAGAGAGTGAGACGGT
 GATCTGTGAAGAGCCCTGTCCACAGTGACAGCTCCAGACAGCCCGAAGCAGCAGAACAGGAAGAACTT
 TCAAAAGAAACAAAGGCTCTGGAGGCTGGAGGAAGCACGTCTGCCATGACCCAGACAGCCCTCCAACCTC
 CGACAAAAGACGCAGCTTTTCCCTGTTAAGTAGTAACCACTCAGGCCCTTGTAGCCTCACCGCCTATCA
 CTCCCGAAACGGCTCTGACAGTGGCCTCGTGGGATCGGGCAGCTCCATATCGGACTTGAATCTCTCCCA
 AACAACTCAGAAACAAAGATGGCAGAGCACACCCTCCACCGTGAGAAAGGCCCCCATGGCTCCG
 GTTATGACAAACCGCACATGTTGGTGGACGTGCTTGTGGATGTTGGGGGAAGGAGTCTCTCATGGGTA
 TAGACTCACAGGAGAGGCCAGGAGCTGTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG226594 representing NM_010511
 Red=Cloning site Green=Tags(s)

MGPQAAAGRMILLVVLMLSAKVGSGALSTEDPEPPSVPVPTNVLIKSYNLNPVVCWEYQNSQTPIFTV
 QVKVYSGSWTDSCTNISDHCCNIYEQIMYPDVSARVKAKVQKESDYARSKEFLMCLKGKVGPPGLEI
 RRRKKEEQLSVLVFHPPEVVNGESQGTMFQDSTCYTFDYTVYVEHNRSGEILHTKHTVEKEECNETLCEL
 NISVSTLDSRYCISVDGISSFWQVRTEKSKDVCIPPFHDDRKDSIWILVVAPLTVFTVVILVFAYWYTKK
 NSFKRKSIMLPKSLLSVVKSATLETKPESKYSLVTPHQPAVLESETVICEPLSTVTAPDSPEAAEQEEL
 SKETKALEAGGSTSAMTPDSPPTPTQRRSFSLLSSNQSGPCSLTAYHSRNGSDSGLVSGSSISDLESPL
 NNNSETKMAEHDPPPVRKAPMASGYDKPHMLVDVLDVGGKESLMGYRLTGEAQELS

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

RefSeq: [NM_010511.3](#), [NP_034641.1](#)

RefSeq Size: 2099 bp

RefSeq ORF: 1434 bp

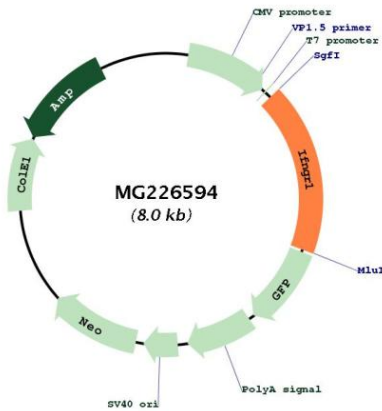
Locus ID: 15979

UniProt ID: [P15261](#)

Cytogenetics: 10 8.49 cM

Gene Summary: Associates with IFNGR2 to form a receptor for the cytokine interferon gamma (IFNG) (PubMed:2530582, PubMed:2532365, PubMed:2137461, PubMed:2531896, PubMed:2530216). Ligand binding stimulates activation of the JAK/STAT signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG226594