

## Product datasheet for SC208099

### Interferon gamma (IFNG) (NM\_000619) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Interferon gamma (IFNG) (NM_000619) Human 3' UTR Clone
Symbol:	IFNG
Synonyms:	IFG; IFI; IMD69
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000619
Insert Size:	615 bp
Insert Sequence:	>SC208099 3'UTR clone of NM_000619 The sequence shown below is from the reference sequence of NM_000619. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGTTTCGAGGTGGAAGAGCATCCAGTATGGTTGTCCTGCCTGCAATATTTGAATTTTAAATCTAAA
TCTATTTATTAATATTTAACATTATTTATATGGGGAATATATTTTAGACTCATCAATCAAATAAGTAT
TTATAATAGCAACTTTTGTGAATGAAAATGAATATCTATTAATATATGTATTATTTATAATTCCTATA
TCCTGTGACTGTCTCACTTAATCCTTTGTTTTCTGACTAATTAGGCAAGGCTATGTGATTACAAGGCTT
TATCTCAGGGGCCAACTAGGCAGCCAACCTAAGCAAGATCCCATGGGTTGTGTGTTATTTCACTTGAT
GATACAATGAACACTTATAAGTGAAGTGATACTATCCAGTTACTGCCGTTTGAATAATGCCTGCAAT
CTGAGCCAGTGCTTAAATGGCATGTCAGACAGAACTTGAATGTGTGAGGTGACCCCTGATGAAAACATAG
CATCTCAGGAGATTTTCATGCCTGGTGCTTCCAAATATTGTTGACAACCTGTGACTGTACCCAAATGGAAA
GTAACCTATTTGTTAAAATTATCAATATCTAATATATATGAATAAAGTGAAGTTCACAACTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_000619.3</a>
<b>Summary:</b>	This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015]
<b>Locus ID:</b>	3458
<b>MW:</b>	24.1