

Product datasheet for MC208752

Ifng (NM_008337) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifng (NM_008337) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ifng
Synonyms:	If; If2f; Ifg; IFN-g
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208752 representing NM_008337 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACGCTACACTGCATCTTGGCTTGGCAGCTCTTCCTCATGGCTGTTTCTGGCTGTTACTGCCACG
GCACAGTCATTGAAAGCCTAGAAAGTCTGAATAACTATTTAACTCAAGTGGCATAGATGTGAAGAAAA
GAGTCTCTTCTGGATATCTGGAGGAAGTGGCAAAAGGATGGTGACATGAAAATCCTGCAGAGCCAGATT
ATCTCTTCTACCTCAGACTCTTGAAGTCTTGAAGACAATCAGGCCATCAGCAACAACATAAGCGTCA
TTGAATCACACCTGATTACTACCTTCTCAGCAACAGCAAGGCGAAAAAGGATGCATTTCATGAGTATTGC
CAAGTTTGAGGTCAACAACCCACAGGTCCAGCGCCAAGCATTCAATGAGCTCATCCGAGTGGTCCACCAG
CTGTTGCCGGAATCCAGCCTCAGGAAGCGAAAAAGGAGTCGCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008337
Insert Size:	468 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC119063</u> , <u>AAI19064</u>
RefSeq Size:	958 bp
RefSeq ORF:	468 bp
Locus ID:	15978
UniProt ID:	<u>P01580</u>
Cytogenetics:	10 66.75 cM
Gene Summary:	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. Mice deficient in this gene have increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015]