

Product datasheet for **MC212882**

Ifne (NM_177348) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifne (NM_177348) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ifne
Synonyms:	Ifn-tau-1; Ifne1; Ifnt1; Infe1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212882 representing NM_177348 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTACAGACAGCTCCCTGAAACGGTGTGCTGCTCTTGGTTTCTTCCACTATCTTCTCCCTAGAAC
CGAAACGGATTCCTTCCAATTGTGGATGAACAGAGAAAGCCTACAACACTGAAACCTTGCCAAGCTC
GTCAGTCCAGCAGTGTCTAGCACACAGGAAGAATTTCTGCTTCTCAGCAGCCTGTGAGTCCACCAG
TACCAAGAGGGACAGGTGCTGGCTGTTGTGCACGAGATCCTTCAGCAGATCTTCAGCTCCTCCAGACAC
ATGGGACTATGGGCATTTGGGAGGAAAACCATATAGAAAAGTCTTAGCTGCGCTTCACCGGCAGCTGGA
ATACGTGGAGTCACTGGGTGGACTGAACGCAGCGCAGAAGAGTGGGGGCTCGAGTGCAGAACCTTAGG
TTACAGATTAAGCATACTTCAGGAGGATCCACGATTACTTGGAAAACCAAGGTACAGCAGCTGTGCCT
GGATCATTGTCCAGACAGAAATCCACCGCTGTATGTTCTTTGTGTTTCAGGTTCAACATGGCTGAGCAG
ACAAGACCCAGACCCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_177348
Insert Size:	579 bp



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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).
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>BC104376</u> , <u>AAI04377</u>
RefSeq Size:	658 bp
RefSeq ORF:	579 bp
Locus ID:	230405
UniProt ID:	<u>Q80ZF2</u>
Cytogenetics:	4 42.04 cM
Gene Summary:	Type I interferon required for maintaining basal levels of IFN-regulated genes, including 2'-5'-oligoadenylate synthetase, IRF7 and ISG15, in the female reproductive tract. Directly mediates protection against viral, including HSV-2, and bacterial, including Chlamydia muridarum, genital infections.[UniProtKB/Swiss-Prot Function]