

Product datasheet for **MC212049**

Ifi44 (NM_133871) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi44 (NM_133871) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ifi44
Synonyms:	A430056A10Rik; AW261460; MTAP44; p44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC212049 representing NM_133871
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCATGAGAAGCTCGTTTGACATGGCAGCAAGAAAAGTGCCTGCAGAATTATTTGGAGGAAAACGTT
 TTTGTCTTCTTTACAAGGCGAGTGTGCAGAAGTTTCTCATCAGAATTTGCTCTGCACATGTGAGAATCA
 AGGTCCTACCATGATAGTGGTTTACAGTAAAAGTGTGTTATTGGCATGTACCTGAAAGAGGGCTTCCAG
 GGAAAAGATGTTTCTATCACCATTTTGCCTCAAGAGACTGGATTTTCACTATGTGCAAAAAGGACCAG
 ATTCACCATATTTATTGTTCCATAAAAAGAAAATAATGATTTCTCTATACTATTAGATGAGAAAAGCTGT
 GATTGTAAGTTTCAGCAATCTGTAATAATGCTCCAAGTACTGCTCGCAATAATGTCATACCTATTCAGGAG
 TGTGAAGCTTTTCGATGTGAAGAGTTGTTGGATGAAAGAAAGACAAGAGGCATTGCTGTGTACATAGTA
 ACTTACTGCAGGCCCTGAGAGACTACAAGCCGTATGGAGACCTGGTTCAGCAAACACGAGTTCTGCTGCT
 GGGTCCATTGGAGCTGGGAAGTCTAGCTTTGTGAACTCAGTCAAGTCTGTGTTCAAGGGCAGCATCACA
 CACCAGATCTTGGTGGGCTGTGATGAAGATGGAATCTCTGACAAGTACAGGACATATTCCATCAAGGTCA
 AGGATGACAGTGACCCCTGCCATTTATTCTGTGTGACTCACTGGGGCTGGGTGAGAATGCCGGCTTGCA
 CACAGACGATGTATGGCAGATCTTAAAGGGCCACACTCCTGACAGATACCAGTTCGATTCATGAAACCA
 ATCACATCAAACCATCCGAACTATACCCATGACCCACTGCTGAAGGACAGAAATCACTGTGTGGTTTTTG
 TGTGATATCAATCTTTTGAATGCACTCTTCTGAGCTGGTGGCAAAGATCAAGAAAATTCGAAGAGA
 CTTGATAAAACATGGCATTCTGCATTTGGCTTACTTACACACGTGGATAGCCTGGATCTGATTACAAAA
 GAAGACATGACAGACATATACTATAGTCTGTGAAGTCCAAGCTGGAGGCATTCCATGGAGTCTTTG
 GTTTTGCCTTATCTGACATCTTGGTGGTGAAGTAATTATGTCTCAGAGTGGCAGCTGGACCCGTGAAGGA
 CATGCTGATCCTCTCGGCACTGAAGGAGATCCTGTATACTGCAAAATGAATTCTTGAGGATTTGCCTTTG
 AACAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3043_c06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_133871

Insert Size: 1269 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).

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:**
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: [NM_133871.2](#), [NP_598632.2](#)
RefSeq Size: 2916 bp
RefSeq ORF: 1269 bp
Locus ID: 99899
UniProt ID: [Q8BV66](#)
Cytogenetics: 3 H3
Gene Summary: This protein aggregates to form microtubular structures.[UniProtKB/Swiss-Prot Function]