

Product datasheet for MC224133

Inf2 (NM_198411) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Inf2 (NM_198411) Mouse Untagged Clone
Tag: Tag Free
Symbol: Inf2
Synonyms: 2610204M08Rik; AA589465; AW125550; EG629699
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224133 representing NM_198411
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCTGTAAGGAAGGCGCTCAACGCAAGTGGGCGGCGCTGAAGGAGAAGCTGGGGCCGAGGACTCAG
 ACCCCACGGAAGCCAACCTGGAGAGCGCCGAGCCTGAGCTGTGCATCCGGCTGCTGCAGATGCCCTCGT
 GGTCAACTACTCGGGCCTGCGCAAGCGCCTGGAGAGCAGCGATGGCGGCTGGATGGTGCAGTTCTGGAG
 CAGAGCGGCTGGACCTGCTGCTGGAGGCGCTGGCACGGCTGTCAGGGCTGGCGTGGCCCGCATCTCGG
 ATGCCCTGCTGCAGCTCACCTGCATCAGCTGTGTGCGTGTGTCATGAATTCACAGCAGGGCATCGAATA
 CATCCTCAGCAACCAGGGTTATGTGCGCCAGCTCTCCAGGCTCTGGATACCTCCAATGTAATGGTCAAG
 AAGCAGGTGTTTGAATTGCTGGCTGCTCTGTGCATCTATTCGCCTGAGGGCCACGCACTGACGCTCGATG
 CCCTGGACCATTACAAGATGGTGTGCAGCCAGCAGTACCCTTCAGCGTCATCATGAGTGAGCTCTCGGA
 CAGTGACAACGTGCCCTATGTGGTCAACCCTGCTCAGTGTGATCAACGCCATCATTCTGGGTCCCAGGAC
 CTCCGCTCTCGTGCCAGCTGCGGAGTGAGTTCATAGGGCTACAGCTGCTGGATATTCTGACCCGGCTAC
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 GGAACCTCAGCGAATTAGCGATGGGATCAACATGAACAGCCACCAGGAAGTCTTTGCGTCCCTGTCCAC
 AAGGTGAGCTGTTCTCCAGCGTGGCCAGCTGCTGTGTCAGTATTGCAGGGTCTCATGCACCTGGAGCCTG
 CTGGCCGCTCAGGCCAAGTCTCTGGGAGGCCCTGGAAAACCTGGTGAACCGGGCTGTGCTCCTGGCCAG
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 AGCCCCCTGGACAAGGCCACAAGAGTGTCCAGACCAACTCAGTCCAGAATCAGGGCAGTTCTCCCAA
 AACTACTACTCCCAACTAAAGTGAAGGCCAGCAGCCAGTAGTGGCTTCTCCCTGCCAACACGTGGG
 CAGCATCCAGAGCTCCAGTGTGACATAGCGCCACAGCCAGTAGCCCTTGAGCAGTGCATAACAGCCTTA
 CCTCTACCTACCCACCCTCTCCAGCTCCACCCTGTGCTCCCTCCAACCCACCCCCCTGCCAGGCC
 CAGGGGCCACATCTCCCTTCCCTCCCTCCCTCCCTTTGCCTCCCTTTGCCAGGCTCAGGGACCAC
 ATCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTTTGCCACCCCTCTGCCAGGCTCAGGGACCATCT
 CCCCCTCACCCACCCACCTCCCTACCAGGTACAGGGGCTGTGTCTCCCCACCCCTCCGCCAC



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TTCCATCTCTGCCTGATTCCCACAAGACCCAGCCCCGCCCCACCCCCACTCCCTGGCATGTGCCAGT
 TCCTCCCCCTCCCCACTACCCAGAGCAGGCCAGATACCTCCACCTCCTCCCCTGCCTGGTTTCTCTGTC
 CCCTCCATGATGGGTGGTGTGGAGGAGATCATTGTGGCCAGGTCGACCACAGCCTGGGCTCAGCCTGGG
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 GACTTCTCCAGCATTGAGCAGCTGTTCTCCTTCCCCACGGCTAAGCCCAAGGAGCCCTCTGCTGCCCCCG
 CCAGGAAGGAGCCCAAAGAAGTCACTTTTCTGGACTCCAAGAAGAGCCTGAACCTCAACATCTTCTGAA
 GCAATTTAAATGTTCCAATGAAGAAGTACCAGCATGATCCAGGCTGGAGACACCAGCAAGTTTGATGTG
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 AGGAGCGAGCCAAGTTGTCCAATGCTGACCAGTCTATGTTCTGCTCCTGGACATTCCCTGCTACCCGCT
 GCGGGTGGAGTGCATGATGCTGTGTGAGGGAACGGCCATCGTCTGGACATGGTGCGGCCCAAGGCCAG
 CTGGTCTCACTGCCTGCGAGAGCCTGCTCACCAGCCAGCGTTGCCAGTCTTCTGTGAGTGCATCTCA
 AAATCGGGAATTTCTCAACTACGGCAGCCACACGGGAGATGCAGATGGTTTCAAGATTAGCACCTTGCT
 GAAGCTCACAGAGACCAAGTCCCAGCAGAGTCGCGTGACGCTGCTGCACCAGTGTGGAGGAAGTGGAG
 AAGAGCCACCCGACCTCTACAGCTATCCCGGACCTGGAGCCACCCTCTCAAGCTGCAGGAATCAACG
 TGAGATCATCCACTCAGAGGCCAGTGCCAACCTGAAGAAGCTTTAGAAAGCGGAGCGGAAGGTGTCCGC
 TTCCATCCCTGAGGTGCAGAAGCAGTACGCTGAGCGCCTCCAGGCCAGCATTGAGGCCTCTCAGGAGCTG
 GACAAGGTATTCGACGCCATTGAGCAAAAGAACTGGAGCTGGCTGACTACCTGTGCGAAGACCCCCAGC
 AGCTGTCCCTAGAGGACACGTTACGACCATGAAGACCTTCCGAGACCTTTCACCCGTGCCCTGAAGGA
 GAACAAGGACCGGAAGGAACAGATGGCAAAAGCGGAAAGGAGGAAACAGCAGCTGGCGGAGGAGGAGGCC
 CGGAGGCCGAGGGACGAGGATGGGAAGCCTATCAGGAAGGGGCTGGGAAGCAAGAAGAGGTGTGCGTCA
 TCGATGCCCTGCTGGCCGACATCAGGAAGGGCTTCCAGCTACGGAAGACAGCCCGGGCCGGGAGACAC
 TGAAGCAAGTGGCAGAGTGGCCCCGAGATCCTCCAAGGCCACAGAGCCTGCAACTGCCAGCAATCCT
 ACCCAGGGCACAAACCACCTGCTTCCAGAGCCCTTGATACCACAGCAGCTGACGAGCCGACGGCTGGG
 ACCTTGTGGATGCTGTAACCCCCAGCCCCAGCCCTCCAAGGAGGAAGATGGTCTCCAGCCCTGGAGAG
 GCGCTCCTCCTGGTATGTGGATGCCATTGACTTCTGGACCCTGAAGATACCCCGGATGCCAGCCCTCT
 GAGGGGTCTGGCCAGTACTCTGGGAGATGGTCAAGCTCTGAATCCCCTCGAGTTCTCTAGCAATAAGC
 CTCCTGGAGTCAAGAGCTCGCACCAGGACGCTACGGATCCTGAAGCCTTGTGGGGCTCCACCGAACCGA
 GGCAGACAGCACCAGTGGAGGACCAGGATGAAGCTCAGCGAGGACAGAGCACCACCTACCCCGCACA
 GGCCCCGAGAGGATGAGGATGGAGAGGACACAGCCCCAGAATCTGCACTTGACACGCTCCCTGGACAGT
 CCTTCTCTGAGGACGAGTACAGATTCTCAGGGTCTGGCACCTCCCCAGGTCGAAGCCGGGTCTC
 AAAGGGGACGAGCAAGCGGAGGAAGAAAGCTCCCTCAAGGAACCAAGAAGAGTTTGTCCCTGATTCTGAT
 GATATTAAGGCAAAAAGGCTGTGTGTGATCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_198411
- Insert Size:** 3816 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_198411.2](#), [NP_940803.2](#)

RefSeq Size: 4618 bp

RefSeq ORF: 3816 bp

Locus ID: 70435

UniProt ID: [Q0GNC1](#)

Cytogenetics: 12 F1

Gene Summary: Severs actin filaments and accelerates their polymerization and depolymerization.
[UniProtKB/Swiss-Prot Function]