OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC203999

Ina (NM_146100) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ina (NM_146100) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ina
Synonyms:	AV028420; NF-66; NF66
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC018383
CTTCGCGTCCTCGCCAGGTCCCGCCGCAGCCGCGCACCCGGCCCCGACCCCGGCACCATGAGCTTCGGAT
CGGAGCACTATTTGTGCTCCGCCTCCTCCTACCGCAAGGTGTTCGGGGACAGCTCGCGCCTCTCCGCGCG
CCTGTCCGGGCCGGGAGGCTCGGGCAGCTTCCGCTCGCAGTCGCTGTCCCGCAGCAATGTGGCCTCCACG
GCCGCCTGCTCCTCGGCCTCGTCCCTCGGCCTGGGCCTGGCCTACCGCCGCCTGCCGGCCTCCGACGGGC
TGGACCTGAGCCAGGCGGCGGCGCGCACCAACGAGTACAAGATCATCCGCACTAACGAGAAGGAGCAGCT
GCAGGGCCTCAACGACCGCTTCGCCGTGTTCATCGAGAAGGTGCACCAGCTGGAGACGCAGAACCGTGCG
CTCGAGGCCGAGCTGGCCGCGCTGCGCCAGCGCCACGCCGAGCCGTCGCGCGTCGGCGAGCTCTTCCAGC
GCGAGCTGCGCGAGCTGCGCGCGCAGCTGGAGGAGGCGAGCTCGGCGCGCGCGCAGGCCCTGCTGGAGCG
CGATGGGCTGGCCGAGGAGGTGCAGCGACTGCGGGCGCGCTGCGAGGAGGAGAGCCGCGGGCGCGAAGGC
GCCGAGCGCGCCCTGAAGGCGCAGCAGCGCGACGTGGACGGCGCCACCCTGGCCCGCCTGGATCTGGAGA
AGAAGGTGGAGTCGCTGCTGGACGAGCTGGCTTTCGTGCGCCAGGTCCACGACGAGGAGGTGGCCGAGCT
CCTGGCCACGTTGCAGGCGTCTTCGCAAGCCGCCGCCGAGGTGGACGTGGCCGTGGCTAAACCAGACCTG
ACTTCGGCGCTGAGGGAGATCCGCGCGCAGTATGAGTCCCTGGCCGCTAAGAACCTGCAGTCCGCCGAGG
AGTGGTACAAGTCCAAGTTCGCCAACCTAAACGAGCAGGCTGCGCGCAGCACCGAAGCCATCCGAGCCAG
CCGAGAGGAGATCCACGAGTACCGGCGCCAGCTCCAGGCACGTACCATTGAGATAGAGGGTCTGCGCGGA
GCCAATGAGTCCCTGGAGAGGCAGATCTTGGAACTGGAGGAGCGGCACAGCGCTGAGGTGGCCGGCTACC
AGGACAGCATTGGGCAGCTGGAAAGTGACCTGAGGAACACAAAAAGCGAGATGGCACGCCACCTTCGGGA
ATACCAGGACTTGCTCAATGTCAAAATGGCCCTTGACATTGAGATCGCAGCTTACAGGAAGCTCCTGGAA
GGTGAAGAGACGCGGTTTAGCACCGGCGGGTTAAGCATCTCGGGGCTGAATCCACTGCCCAATCCCAGTT
ATTTGCTCCCTCCCAGAATCCTTAGCTCTACAGCCTCCAAAGTCTCCTCTGCCGGGCTGTCCCTGAAAAA
GGAGGAAGAAGAGGAGGAGGAAGAGGCCTCTAAGGAAGTCAGTAAGAAAACATCCAAGGTAGGGGAAGGT
TTCGAAGAGACACTGGGGGAAGCGGTAATATCTACGAAGAAAACTGGAAAGTCGGCTACAGAAGAAAGTA
CCAGTTCAAGCCAAAAAATGTAATGCCGCTGCTTGAGAAAAAGTCGATGCCTGGGAGGGAATGCACTTGG
CTCATTCACGGCACACTCCTGAACCACACCCACCACCGCTATAGAATGTCTGCAAGGCTTCAGCGTCATT
GTACCGACCCCTTACGTTCTCCAGTAGGAAGGCCACTGTAGACGGGCGCAAGCTGCAGTCCTGGAGCAGA
GGAGGAGTTCTCCAAGAACACAGCTTTCTCACCCACAGTTCAGGCTTCCTGGTGACAGGTGACTCAGGTG
CAGAGGAAGTGCAAATGAAGGTGCTAAATCTGCTCATCCCTCACTGGGAGCTGAAACGGAAACCTATGTT
TATCCACTGGACCCCGCCAGGCCCCAGCCATAGAACCTTACTGTAGATGCCTAAAAGCATACAATCACTG
CAGAGGACAAGCTAGTGCTCCAGACACCGCTCCCCAGCCCCCTCCGATAGAGCCGAGTCACCACACACGT
CTCTCATGGGCACATGCCTTCCACTCTTCAATCCCATAATTCCTTTCTCGCACCCAAGAGGAAGGAACAG
AGTTTAGTGTAGCATCCCCTTCTAGCCACGCATAGAACGTATGCCCTTTAGCTAGCTCTTCTTCACTCTG
TGGGTAAAATTAGCTGCATGCTGGCCATCCCTGTGATTTGTGTAACTCACCCCTGCCCATTTCATGTCCT
TTCACATCTGTAGCTTTAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_146100

Insert Size: 1506 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:	BC018383, AAH18383
RefSeq Size:	2272 bp
RefSeq ORF:	1506 bp
Locus ID:	226180
UniProt ID:	P46660
Cytogenetics:	19 C3
Gene Summary:	Class-IV neuronal intermediate filament that is able to self-assemble. It is involved in the morphogenesis of neurons. It may form an independent structural network without the involvement of other neurofilaments or it may cooperate with NF-L to form the filamentous backbone to which NF-M and NF-H attach to form the cross-bridges (By similarity). [UniProtKB/Swiss-Prot Function]