

Product datasheet for **RN215311**

Ina (NM_019128) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ina (NM_019128) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ina
Synonyms:	alpha-Inx; Inexa; Intlaa; Nf66
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215311 representing NM_019128
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCTTCGGATCAGAGCACTACTTGTGCTCCGCTCCTCTACCGCAAGGTGTTGCGGGATGGCTCGC
GCCTGTCTGCGCGCCTGTCCGGCCGGGAGGCTCCGGCAGCTTTCGCTCGCAGTCGCTGTCCCGCAGCAA
TGTGGCCTCCACGGCCGCTTGTCTCCTCGGCCTCGTCTCTCGGCCTGGCCTACCGCCGCTGCCG
GCCTCCGACGGGCTGGACCTGAGCCAAGCAGCGCGCGCACCAACGAGTACAAGATCATCCGCACTAACG
AGAAGGAGCAGCTGCAGGGCCTCAACGACCGCTTCGCGGTGTTTCATCGAAAAGGTGCACCAGCTGGAGAC
GCAGAACCAGCGCCTCGAGGCCGAGCTGGCCGCGCTGCGCCAGCGCCACGCCGAGCCGTCGCGCGTCCGC
GAGCTCTCCAGCGCAGCTGCGCGAGCTGCGCGCAGCTGGAGGAGCGAGCTCCGCGCGCGCAGG
CCCTGCTGGAGCGCAGCGGCTGGCCGAGGAGGTGCAGCGACTGCGGGCGCGCTGCGAGGAGGAGAGCCG
CGGGCGCAAGGCGCGGAGCGCGCCCTGAAGGCGCAGCAGCGCAGCTGGACGGCGCCACTCTGGCCCGC
CTGGATCTGGAGAAGAAGGTGGAGTCGCTGCTGGACGAGCTGGCCTTCGTCGCCAGGTGCACGACGAGG
AGGTGGCCGAGCTCCTGGCCACGCTGCAGGCGTCTTCGCAAGCCGCCGCCGAGGTGGACGTGGCTGTGGC
TAAACCAGACCTGACTTCGGCGCTGAGGGAGATCCGCGCCAGTATGAGTCCTTGCCCGCTAAGAACCCTG
CAGTCGGCCGAGGAGTGGTACAAGTCCAAGTTCGCCAACCTGAACGAGCAGGCTGCGCGCAGCACGGAAG
CCATCCGAGCCAGCCGAGAGGAGATCCACGAGTACCGGCCAGCTCCAGGCTCGTACCATTGAGATAGA
GGGCTGCGCGGAGCCAAATGAATCCCTGGAGAGGCAGATCTTGAAGTGGAGGAGCGGCACAGCGCTGAG
GTGGCCGGCTACCAGGATAGCATTGGGCAGCTGGAGAGTGACCTGAGGAACACCAAGAGCGAGATGGCCC
GCCACCTTCGGGAATACCAGGACTTGTCAATGTCAAAATGGCTCTTGACATTGAGATAGCAGCTTACAG
GAAGCTGCTGGAAGGTGAAGAGACACGATTTAGCACCGCGGTTAAGCATCTCAGGGCTGAATCCACTT
CCCAATCCAGTTATTTGCTCCCTCCTAGAATCCTTAGTTCTACAACCTCCAAAGTCTATCCGCTGGGC
TGTCCCTGAAAAAGGAGGAGGAGGAGGAGGAGGAAGAGGAAGAAGGGGCTTCTAAGGAAGTCACTAA
GAAAACATCCAAGGTAGGGGAAAGTTTCGAAGAAACACTGGAGGAAACGGTGGTATCTACGAAGAAAACC
GAAAAGTCAACTATAGAAGAAATCACCACCAGTCCAACCAAAAAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019128

Insert Size: 1521 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_019128.5](#), [NP_062001.2](#)

RefSeq Size: 3323 bp

RefSeq ORF: 1521 bp

Locus ID: 24503

Cytogenetics: 1q54

Gene Summary: may play a role in neurogenesis; may be involved in neuronal regeneration in response to injury [RGD, Feb 2006]