

Product datasheet for **MC205093**

Impa1 (NM_018864) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Impa1 (NM_018864) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Impa1
Synonyms:	2610002K09Rik; 2900059K10Rik; AI325909
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055722
 TGGCCTCGCGGAGATATGGCAGACCCTTGGCAGGAGTGCATGGACTATGCAGTAATCCTCGCGAGGCAA
 GCTGGAGAGATGATTCGTGAAGCTTTAAAAATGAGATGGATGTCATGATTAAAAAGTTCTCCAGCCGACT
 TGGTAACAGTTACTGACCAAAAAGTTGAAAAATGCTCATGTCTCTATAAAGGAAAAAGTATCCATGTCA
 CAGCTTCATTGGTGAAGAGTCTGTGGCAGCTGGGAGAAGACGGTCTTACAGAGCAGCCACGTGGGTC
 ATTGACCCATTGATGGAACGACTAACTTCGTGCATCGGTTCCCTTTGTAGCTGTTTCAATTGGCTTCC
 TTGTGAATAAAGAGATGGAGTTTGAATTGTGTACAGCTGTGTGGAAGATAAGATGTACACCGGCAGGAA
 AGGGAAAAGGTGCCTTTTGTAACGGTCAGAAGCTTCAGGTGTCCCAGCAGGAAGACATTACCAAGTCACTC
 TTGGTGACCGAGTTGGGCTCGTCCAGAAAAGCCGAGACTTTACGGATCGTTCTCTCCAACATGGAAGAAGC
 TGTGTTCCATCCCATCCATGGAATCCGGAGTGTGGAACAGCTGCTGTTAATATGTGCCTTGTGGCAAC
 GGGAGGAGCAGATGCCTATTATGAGATGGGAATCCACTGCTGGGACATGGCGGGAGCTGGCATCATTGTC
 ACCGAGGCAGGCGGAGTGTCTATGGATGTCACGGGTGGACCGTTCGATCTGATGTCTCGGAGAATAATTG
 CCGCAATAGTATAACATTAGCCAAAAGAATAGCCAAAAGAAATTGAGATAATACCTTTGCAAGAGACGA
 CGAAAGCTAGTCACAGAGAACAGTGTCCAGCTCCAGTGCATCCTTGCTGTCCCTGGGGTGTTCAGATG
 GATGGTGTCACTGATTTAGACTGAACCTTTGAGGTCTGATTTTAAATGGAACTTTTTTTTTACAGATG
 ACATATTCAAAATTAGATGGAATATTTGATTATTGAAAGAAAATTTGCATGTAGTAATATCTTGGGGAA
 AATATACAAAAGTATACTTAATGAACTAGCCATTGAAATGTCCCTAGTCCCTATGATCCCCTTCAACT
 TAATGACTGTTTATATGCATAATTCTCAATTACAAAAGTTCTTTTTGTAAGTGGCTTTCTCTATGTTCC
 AGAAGCCATATTTGATTAAGTCTAAAGGCTGTAACAAGCTGGCTCCTCCTGTGCAGAGGGCCTTTGTGTT
 TTATTAATCACTGTAAGATAGTGCCTGGCCAGTGCCTGTGACAGTAGGCAGTCTGAAGTCCACACCT
 GACAATGCGTGTCTGAAGCTGCAGCTGCTGCCTTAATGCGTCACAGTAAGATAACCACCCTCCTGTTGC
 GAGGTAGAAGTTACTTCACTGTCCTTTTTATATTTCTTATTGCTATGCCATTTACAGGATCGTGTGCC
 AGAGACGACTGCTTCTAGTGGACATTTCTGCAGTTAGTACACTGCTGTATGTTGTAGGTTCTGCTTAAAG
 CTGCCGTGCTAAAGAGATTTTACAGACATCTTCCAGGTACCTGGTCTAGTTAGTGGCAGGGATATGTTT
 TACAAAAGGCAGCTTTCTCATTACAGATCCGTACCTGGTGTGCTGCTGACTGTGTTGTAATGGTGAA
 CTTTTTGAATTTCTTCCAGACTTGTGAATTTCACTGCTAACTCTAGATGCTCTCTATAAGGTCT
 TGGGCCTCTCAAACCAAGAAAATTTAATGGCTCCTATTCCTTTGTTAAAGGGTTAATTCATTGTCTAGC
 CTTGGCCCTTGGCATAAGAACAGATGTTTTGCTCTTAGTATGTTTGAACCTTGCATTTGATAACAATGAAG
 TGTTTTTGAAGTTTCAAGGCAGTTATCTTGATTTTGGGGGATTTAATATATTAAGCTATATAACT
 CAGATTTGGGCACTGTAATGACTATATCTGTGCTGTTAATTACATGATTTAAAAACGTCACGTACCATGT
 AAATTCTATTACAAGACAGGTTGCTTTGCAATTAATTTATTTTAGTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_018864

Insert Size: 834 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: [BC055722](#), [AAH55722](#)

RefSeq Size: 2096 bp

RefSeq ORF: 834 bp

Locus ID: 55980

Cytogenetics: 3 A1