

Product datasheet for **RR206648**

Iba57 (NM_001108827) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Iba57 (NM_001108827) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Iba57
Synonyms: RGD1306000
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206648 representing NM_001108827
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGCGGTGGCGCTGCTTCGGGGAGCGGCTGCGGGGCGCAAAGCCCGGCATGGCAGTGGCGGCCGA
GCGGGACCACGAGACTGCCAGTCCGTGGTTCGGCCCTTTCCGCGGCAACTCCACGGATAGTGTAGC
CTGGACTTGCTTCGGCTGGATGGCGCGCCTTAATGCGCGTGGCGGGCCGGACGCTTACCCTTCCTG
TTGGGACTATTGACCAATGAGCTGCCGCTTTCGGGGCCTCCGGCCGGCGGACTCAGCCCTCGCGGTG
CGGCCTATGCCATTTCTAAATGTGCAGGGGCGCACGCTCTATGACGTCATTGTGTATGGACTCCCAGA
GTGTACCGAGGAGGCACCAGGCTTCTCCTCGAGTGTGACAGCTCTGTGCTGGGCACCCTACAGAAGTAC
CTACCATGTACAAGATCCGGCGGAAGGTGCGCGTGGAGCCACACCCGGAGCTCCACGTGTGGGCTGTGC
TACCTTGTGCCCCCAAACCTCTGAGGCTGCACCTCTAGAAGAGAGGGTAGAAGCCACCACCATGCTTAT
CCGTGACCCCGGACTGCACGTATGGGGTGGCGGCTTCTCACTCAGGATGGTGGCCAGCTGTGGTGCC
AGGGGACAGCTTGGGGACCTCCAAGATTACACATATACCGTACCAGCAAGGCATCCCTGAGGGAGTCT
GTGATCTTCCCCAGGGATGGCCCTACCCCTGGAGTCCAACCTTTCATGAATGGCGTGGAGCTTCCAC
TAAGGGCTGTACATTGGGCAGGAGCTGACGGCCCGAACCCACACAGGTGTCATTGAAAGCGCCTC
TTCCCTGTGAAGCTTGAAGGCCCTTCTGCCAGTGGCATCAGTCTGGCACCTTAGTGACGGTGACTG
CAACAGGCCAGGCAGCGGCAAGTTCAGGGCTGGCCAGGGACACATAGGACTGGCTTTGCTGCGGTGAGA
GACAATCAAGGGTCTCTCCACATCAAGACCTCGGAGAGCCAACCTGGTGGCTGTGACTGCCATGGTGCCA
GACTGGTGGCCACAGCTGCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206648 representing NM_001108827
 Red=Cloning site Green=Tags(s)

MAAVALLRGAAAGRKSPAWQWRPSGTRHCPVRGSGLFRGNSTDSVAWTCFRLDGRALMRVRGPDASPFL
 LGLLTNELPLSGPPAGATQPSARAAYAHFLNVQGRTRYDVIYVGLPECTEEAPGFLLCEDSSVLGTLQKY
 LTMYKIRRKVAVEPHPELHVWAVLPCAPQTSEAPLEERVEATMLIRDPRTARMGWRLLTQDGGPAVVP
 RGQLGDLQDYHIYRYQQGIPEGVCDLPPGMALPLESNL VFMNGVSFTKGCYIGQELTARTHHTGVIRKRL
 FPKLEGPLPASGISPGTLVTATGQAAGKFRAGQGHIGLALLRSETIKGPLHIKTSESQLVAVTAMVP
 DWWPTAAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

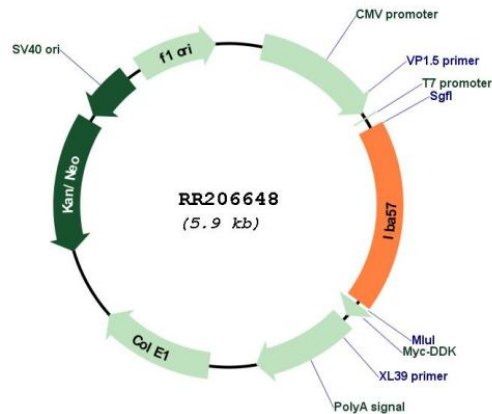
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108827

ORF Size:	1074 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001108827.1 , NP_001102297.1
RefSeq Size:	2338 bp
RefSeq ORF:	1077 bp
Locus ID:	363611
Cytogenetics:	10q22
MW:	38.7 kDa