

Product datasheet for **RN213832**

Ier5 (NM_001025137) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ier5 (NM_001025137) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ier5
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN213832 representing NM_001025137
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTCAAGCTGGAGGCTCACCGTATCGTCAGCATCTCCCTGGGCAAGATCTACAACCTCGCGGGTCC
 AGCGCGGGCGCATCAAGCTGCACAAGAACCTCTTGGTGTGCTTAGTGCTGCGCAGCGCCCCGCAAGTCTA
 CTTGAGTGACCCTGCCTGGCCTCTACCTGGCCGGCCTGCGGGGACCCCGCGGTACCGCCGACAG
 CAGCCCCGAGAGCCGGTAGCGGGGCCACCATCTGGCTGGGAGAGCCGCCCCACCGGTCGCCCGCGCC
 CCTGGCCGGAGCCCGAGCCGAGCCTCAGCCTCAGCCTCAGCCTCCCTCGGTGTGCCACACGCCGGGAGC
 GGAAGCCAGAACCGGTGGCCCGGTGTCCGGAGCGGAGGACGCTCTACGGGGCGGAGAGGAGGACTCG
 GCGGCAGCTGCTTGGGGCCGCTGGAACGTCCGCGCGTGGCGCCTTCTGGAGGCAGCTCGGACGCGTGT
 CCGAGGGGCCCGGGCACTGCGCCGCCGTGTGGCTGTCCGTCGGCCGTGGAGGAGCGGTCTCAGAGAA
 CGGGTCCCCGGCGCCAGCCGCCCGTGTCCAGGAAGCGTGGCGCAGCGGGAGTGGGTGGCGGCCGCGG
 GGCTGCTCCGCGCCCGGCTTACCCCTCTAAGAAGCCGCGCCGAACTCCGAGGAGCAGCCGGTACCG
 ACGAGGAGGACACCGACGAGGAGATGAAAACCGGAACGTGGCAAACCTCATCAGCATCTTCGGGTCTAG
 CTTCTCGGACTCTTACGAAAAGCCCTGCGGCCGGCGGGAGGAATATGATGCGGAGGAGGGCGGCCCC
 GAAGCCTCCGAGCCCGGCAGATCTGCTGCGACAAGCCGTTCTGAGAGACATGAGCCCTGGAGCACAG
 CCATCGTGGCCTT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
 ACCN: NM_001025137
 Insert Size: 927 bp



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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:	<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:	<u>NM_001025137.2</u> , <u>NP_001020308.2</u>
RefSeq Size:	2114 bp
RefSeq ORF:	927 bp
Locus ID:	498256
Cytogenetics:	13q21
Gene Summary:	required for the maintenance of long-term potential (LTP) [RGD, Feb 2006]