

Product datasheet for **RN205043**

Erlec1 (NM_001106023) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Erlec1 (NM_001106023) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Erlec1
Synonyms:	RGD1306508
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205043 representing NM_001106023
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAAGGAGGCGGCGCTTGCGGAGCCTGGTCCCCGAGGGCCGCTGTTGCTGGTTCTGTACGGTC
 TCCTGGAGGCGGCCGCGCGGCCGAGCGCTGCCCCAGCTCAGCGACGACATCCCCTCCGAGTCAACTG
 GCGCGGACCGAGTTCTCTGCTACAACTGGAGTTTGTATAAAGAAGATAATTACATCATCATGACA
 ACTGCACATAAAGAAAAATACAAATGTATACTCCGCTTGACAAAGTGGGGATGAGGAAGAAGAAAGG
 ATTACAAAGGCCCAATCCAAGAGAGCTTTTGAACCACTATTTAAACAGAGCAGTTGTTCTACAGAAT
 TGAGTCTTACTGGACTTATGAAGTATGTCATGGGAAACATATTCGACAGTACCATGAAGAAAAAGAACT
 GGCCAAAAAGTAAATATTCACGAATACTACCTGGGAATATGTTGGCTAAGAGTCTTCTGTATGAAAAAG
 AACAGCAAAAGAAAAAGAGAAGTCAAATGAGATTCCCACTAAAAACATTGAAGGTCAGATGACACCCTA
 CTATCCTGTGGGAATGGGAAATGGTACACCTTGTAGTCTGAAACAAAATCGACCCAGATCAAGTACTGTG
 ATGTACATATGCCATCCTGAGTCTAAGCATGAAATCCTTTCAGTAGCTGAAGTTACAACCTGTGAATATG
 AAGTTGTCATTTTGACACCACTCTGTGCGAGCCATCCTAAGTACAAGTTCAGAGCCTCTCCTGTGAATGA
 CATATTCTGTCAATCACTGCCGGGATCTCCATTTAAACCCCTCACTCTAAGACAGTTGGAGCAACAGGAA
 GAGATACTGAGGGTGCCATTTAGGAGAAATAAGAGGAAGATTTGTCTGCTAAAGAAGAGAGATTTTC
 CAGCCATTCACAAACCTATTGCTGTTGGCTCTCAGCCAGTGCTCACTGTTGGAACAACCCACATTTCCAA
 GCTGACAGATGACCAGCTCATAAAGGAGTTCCTAAGTGGTCTTACTGCTTTCATGGGGGTGTTGGTTGG
 TGGAAATATGAATCTGCTATGGCAAGCATGTACATCAGTATCATGAGGACAAAGATAATGGGAAACTT
 CTGTAGTTGTGGGACATGGAACCAAGAAGAGCATGTTGAGTGGGCTAAGAAAAACACTGCTAGAGCTTA
 TCATCTTCAAGACGATGGCACCAGACAGTCAGGATGGTGTACATTTTATGGAAATGGGGATATTTGT
 GATATACTGACAAACCCAGACAGGTGACTGTAAACTAAAGTGTAAAGATCAGATTCTCCTCATGCTG
 TTAGTGTATATGCTTGAGCCTCACTCCTGCCAGTATATTCTTGGGGTTGAATCTCCAGTAATCTGTAA
 AATTCTAGATACAGCTGATGAAATGGACTTCTTCTCTCCCAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106023

Insert Size: 1449 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_001106023.1, NP_001099493.2
RefSeq Size: 1874 bp
RefSeq ORF: 1449 bp
Locus ID: 289874
Cytogenetics: 14q22