

Product datasheet for **RN214790**

Erc8 (NM_001107650) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Erc8 (NM_001107650) Rat Untagged Clone
Tag: Tag Free
Symbol: Erc8
Synonyms: Ckn1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214790 representing NM_001107650
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGTTGAGCTTTTGTCCGCTCGACAGTCAGGGTTGGAGGACCCTCTTCGCTTGCCTAGAGCGCAGTCTA
CACGGAGGGTCTGGCCTGGAGTTAAACAAAGACAGGGATGTTGAAAGAGTCCACTGCAGCGGAGTCAA
CACTCTGGACATTGAACCTGTGAAGGACGATACATGTTGTCAGGTGGTCCGATGGTGTGATTGTACTC
TATGACCTTGAGAACGCCAGCAGACAGCCCTATTACACATGTAAGCAGTGTGTTCCGTTGGCAGAGCC
ATCCTGATGTCCACAAATACAGCGTGGAGACGGTTCAGTGGTATCCTCATGACACTGGCATGTTACATC
CAGCTCATTGATAAACTCTGAAAGTATGGGATACAAACACATTGCAGGCTGCAGATGTGTTAATTTT
GAGGAAACAGTTTACAGTCATCATGTCCCCAGCAGCCACCAAGCACTGTCTGGTAGCAGTTGGAATA
GAGGACCAAGGTACAACCTTTGTGACTTAAAGTCTGGATCCTGTTCTCACATTCTACAGGGTACAGACA
GGAAATATTGGCAGTTTCCTGGTCACCACGCTATGACTATATCTGGCAACAGCAAGCGCTGACAGTAGA
GTAAATATGGGATGTGAGAAGAGCATCAGGATGTTTGCTTACTCTTGACCAGCATAACGGGAAAAAGT
CACAAGCTGTTGAATCAGCAAACACTGCTCACAATGGGAAAGTTAACGGCTTATGTTTTACAAGTGACGG
GCTTACCTGCTCAGGTTGGCAGACACAACCGAATGAGGCTCTGGAATAGCTCCAGCGGGGACAACACA
CTGGTAAACTACGGGAAAGTGTGTAACAGCAGCAGGAAAGGGCTGAAGTTCAGTCTCCTCATGGCTGCA
ACTCAGAGTTTGTGTTTGTCCCTACGACAGCACCATTGCCATGTATGCAGTCTACTCAGGAGAGCGGCT
CGCCATGCTTAAGGGACATTACAAAAGTGTGACTGCTGTGTGTTTCAGCCTAATTTCCAGGAACTTTAC
AGTGGTAGCAGGGACTGCAATATTCTCGCTTGGGTGCCAGCTTCATATGAACCAGTTCCTGATGATGACG
ATGAAGCTCCAACCAATCGAGGTTGAACCCAGCATTACGGATGCTGGAGCAGCAGTACGAGGACGG
GTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107650
Insert Size:	1194 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:	<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_001107650.2</u> , <u>NP_001101120.2</u>
RefSeq Size:	2521 bp
RefSeq ORF:	1194 bp
Locus ID:	310071
Cytogenetics:	2q14