

## Product datasheet for RN213616

### Ercc1 (NM\_001106228) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ercc1 (NM_001106228) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ercc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213616 representing NM_001106228 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCCTGGGAAGGACGAGGAAAATCGGCCACAGCCCTCAGGACCACCCACCAGGAAGAAGTTTGTTA  
TCCCCTGGAGGAAGACGAGGCGCCTTCTCAGGGCCAAGCCCTATTCAAATCATCACGGAACCCAC  
CCCCACAGCAGCCTCAACCCATTCCGCCCTCTGACATACGCAGAGTACGCCATCGCCAGCCTCCAGGA  
GGGGCTGGGGCCACAGTGCCACAGGCTCTGAACCTGCGACCGGAGACAGCCCCAGCCAGACTCTGAAAG  
CAGGAACAAAATCCAGTAGCATCATCGTGAGCCCGCGGCAGAGGGCAACCCCGTGTGAAGTTGTTCG  
CAGTGTGCCCTGGGAATTCGGTGAGGTGACTCCTGATTATGTGCTGGGCCAGAGCACCTGCGCCCTTTTC  
CTCAGCCTCCGCTACCACAACCTGCATCCAGACTACATCCATGAACGGCTGCAGAGCCTGGGAAGAAGT  
TCGCCCTCGTGTGCTGCTGGTCCAGGTGGATGTGAAAGATCCCCAGCAGGCTCTTAAGGAGCTGGCTAA  
GATTTGCATCTTGCTGACTGCACCCTGGTCTGGCCTGGAGTGCAGAGGAAGCAGGGCGGTACCTGGAA  
ACCTACAAGGCGTATGAGCAGAAGCCTGCTGACCTCCTTATGAAAAGCTGGAACAGAAGTTCCTATCAC  
GGCCACTGAGTGTCTGACCACCGTGAATCTGTGAACAAGACTGACAGCCAGACCCTCCTCACTACATT  
TGGATCCCTGGAACAGCTCATCACCGCATCACGGGAGGATCTAGCCTTGTGCCAGGCCTGGGCCCCAG  
AAGGCCCGCAGGCTTTTTGAAGTACTACATGAACCCCTCCTCAAAGTGCCCCGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001106228
Insert Size:	897 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001106228.1, NP_001099698.1</u>
<b>RefSeq Size:</b>	1069 bp
<b>RefSeq ORF:</b>	897 bp
<b>Locus ID:</b>	292673
<b>Cytogenetics:</b>	1q21