

Product datasheet for **RN217553**

Ercc6l (NM_001098674) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ercc6l (NM_001098674) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ercc6l
Synonyms:	RGD1565734
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217553 representing NM_001098674 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGGCTTCCCAAGGTTTAGCGGAAGTGGGACTTTGAGCCACAACCTGGCTGAGAGTTACCTGAGAT
ATTCGCAAGAAGCCAAAGAAGCAGCTAAGAATGGAGATCTGGAAGAAGCACTGAACTTTTCAATTTGGC
AAAGGACATTTTCCACCAAGAAGGTGATCAGCAGAATCCAGAACTACAGGAAGCTTTGGAGCAGTTG
GCAGAAGAAGAAGATGATGAATTTACAGATGTGTGCAACTCCGGCTTGCTGCTTTACCGAGAGCTCTATG
AGAACTCTTTGAGCACCAGAAAGAAGGCATCGCTTTTCTCTATAGCCTGTATAAGAATGGAAGAAAAGG
GGGCATCTTAGCAGATGATATGGGATTGGGAAAACCTGTTTCAGATCATTGCTTTCTGTCAGGTATGTTT
GATGCTTCACTTGTGAATCATGTGCTATTGATCATGCCAACCAATCTCATTAAATACATGGGTCAAAGAAT
TTGCCAAGTGGACTCCAGGAATGAGAGTCAAAACCTTTTCATGGCTCTAGCAAGATGAACGCATTAGAAA
CCTGACCCGGATTCAACAGAGGAATGGTGTGTGATCACTACCTACCAATGTTACTCAATAATTGGCAG
CAACTTGCAAGCTTTAATGGACAAGCATTTGTTTGGGACTATGTCATCCTTGATGAAGCCATAAGATCA
AAAGTGCCTCTACCAAGTCAGCAGTATGTGCCCAGCAGTTCCTGCAAGTAATCGTCTCCTTCTCACAGG
AACACCAATCCAGAATAATCTGCAAGAACTGTGGTCCCTGTTTGATTTTGCTTGCCAAGGCTCCTTGTTA
GGAACATTAACAACTTTTAAATGGAGTATGAAAATCCTATTATTAGGGCAAGAGAGAAGGATGCTACCC
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GGCGTCGAAGACATTTGTGAGATGCTTTCCCTTACCAGGAAAAATGATTTAATTGTTTGGATACGCTTG
TGCCTTTACAAGAGGAAATTTATAGGAAGTTGTGTCTTTAGACCACATCAAGGAGTTGTTAATGGAGAC
ACGCTCACCTCTGGCTGAGCTGGGTGTCTTAAAGAAGCTCTGTGACCATCCTAGGCTGCTATCTGCACGA
GCTTGTCATTTGCTGAATCTAGGACTGTCACATTCTCTGCGGAGGATGAAAATGAGCAAGAAGATGCCT
CAAATATGGGCAGCATTGATCACTTAAGTGACAATGCACTGATGCAGGAGTCTGGAAAAATGATATTCTT
AATGGCCCTGCTAGAGAGGCTTCAAGATGAAGGACATCAGACTCTGGTGTTCCTCAGTCGAGGCAAAT



CTCAACATCATTGAGCGTCTCTTAAAGAACAAGCACTTTAAGACATTGCGAATTGATGGCACAGTTACT
ATCTTTGGGAACGAGAAAAAGAATTTCAGTTATTCAGCAAAATAAAGAATACTAGTTTTCTACTTAC
CACTCAAGTAGGTGGTGTGGACTGACACTGACTGCAGCATCTAGAGTTGTCATTTTTGACCCTAGCTGG
AACCCTGCAACTGATGCTCAAGCTGTGGATAGAGTTTACCGAATTGGACAAAAAGAGAATGTTGTGGTTT
ATCGGCTAATCACTTGTGGAAGTGTAGAGGAAAAGATATAGAAGACAGGTTTTCAAGGACTCGTTGAT
CAGACAACTACTGGTGATAAGAAGAATCCATTCCGCTATTTACCAAACAGGAGCTAAAGGAGCTCTTC
ACAGTTGGGGATCTGCTGAAGTCTGCAACCCAGATGCAGCTTCAGTGTCTGCATGCTGCTCAGCGAAAT
CTGATGAGAACTCGATGAGCATATCGCCTACCTACACTCGCTGGGCATAGCAGGAATCTCAGACCACGA
TTTGATGTTACCTGTGATCTGTCTGTTAAAGAAGAGCTTGACATGCTAGAAGACGCTCAGTACATTCAA
CACAGAGTTCAGAAAGCTCAGTTCCTTGTGAATCTGAGTCTCAAAATACAAAGGAAAGACCAAGTGAGG
AGAAGTGGCTCAAAGCACAGGAATTTCTTCTCAACAGAGGAAGAAAGGTAAACAAACCCAGCCTCAGCC
TTCACGCCTTCTGGCTAATCCTACGCAGGTAGAGGCTATCAGTTCTCAAATGGCCAGTATAAGCATTAT
GATCAGTCTACAGAGAGTGAGCCCCAAGAGCTCTCTGAGGCACATGATGTCACTTCACTGCAAGGTGATC
AGCACCCTTCGAAAGTACATCTGATGCTGGCACTATCGCTTCTTACCCAGGGGGCTGAAAGTATAGG
GGGAGTTTGGACTGACTCCTTATTGAGCCCTGCAAAAGGTTTTGCAGCTGACAATGAAGCGTGCAGAAG
AATGAATTACAAGCATCACTGGGCAAGAGGCCCTGTGAGAGAACCTGGGAAGTTTTATTATTTACCTA
GACAGTCCAGCAAGGCTGATCTTGAGCCAAATTTAGATGTACAGGATAGTGTGGTTTTATACACAAAG
TCCCACAGCAAATGAAAATCAAAACCTAGAATCAAATGAACCCATGATTGAAATATCTGATGATTTGTCA
GCATCCCCGAGTGCACTGCAGGGTGCTCAAGCAATGGAGGCCAGTTGGAATTGAAAAGGACCCCTTAG
AATCACCACCACAGTATGAGTGTGACTTCAATCTTTCTGGAAGACTCTGCAGACACTAGACAAAATCT
CTCCAGCAAAATTTTGGAAATGTTGAGAAAGAAAATAGCTTGCAAGGCCTGCAGGTAACCTCCGGGAA
GAGTCAGCACATAATCTCAGTTTGGATTCTTCTAATAAAATTGATGAAGAATCAGAAGTGATTACTGTGA
AAACCAAAAACAAAGCTAGAAGGATCCTCTCAGATGATGAAGATGAAGAAGATGCCTTTAAAGATACTTC
CACAAATTCATTTAGCGTCTCTCCCTTAACATTCTCATCTGTCAAACACTTTGATGCTTCAACTCCCAA
AATGACAGTAATCCATCTCGAAGGTTCTTCTCACCTAAAATACCTGATGATGTGAACACATCCTTACATC
CTAGGAGGTCTCTGGTTCTAGGAGGTCTCTGATCAATGTGGTTTTAGATGACATGGAAGATATGGAGGA
AAGGCTTGATACCAGTAGCGAGGAGGAAAGTGAACAGAGCTTTCAGAAGACAGCAATGAAGAAGCCGTA
GCCTGCACTGAAGAGCAGCGTTCGGGGCAACACTGGCTTCAGGAAACAAGCACAGCAGCCTGACCGAGT
CTGAGCCTACTTCTCCAGCCCCACAAAGCTCTCCCTGTGCCCTGAACCTTCATCAAGTGACCCTTTGCT
TGATCCTCCCCAGGATCCGGCAGTGAGGCTGCTAATGACTATGAGAGTCTTGAGCTCGTGGGAAAGAA
CTGAAAGAGTGTGGGAAGACACAGGAGGCTCTCAACTGCTTAGTTAAAGCACTTGATATAAAAAGTGCAG
ATCCTGAGGTGATGCGCATGACTCTGAGTTGTATAAGCAACTTAACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001098674

Insert Size:

3693 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001098674.1, NP_001092144.1

RefSeq Size: 4000 bp

RefSeq ORF: 3693 bp

Locus ID: 317252

Cytogenetics: Xq22