

Product datasheet for **SC102264**

ERCC6 (AK094670) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERCC6 (AK094670) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERCC6
Synonyms:	ARMD5; CKN2; COFS; COFS1; CSB; POF11; RAD26; UVSS1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK094670, the custom clone sequence may differ by one or more nucleotides

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TATTTTGTGCTTAAACTTTAACATTTATATTTACCATTGGCCACCACAAAGGTCAGGTTTGTATT
GTTGTTTGATAATTATATTAATTTTCTGGAAAGATCCTCTTTCAAGGTAAGTGGTGGTAT
TTTTATTAGTAAAGCATGAAATAGTATGGTAATAATGATAAGACATGTATTTGGAAAGCTGAGGGT
ATTCAGTTTACCCTGGCTTTCTTTAAGCAGAGGGCATCTTTTCTCCTACAGTCACAAAATGTGTTA
TCATTAATAAAAAATCAAATTAAGCCAAAAGTAGGTACATAAAAAACCACACATGCATGCACACAAACA
TCACTGCAGCCCACAGCAGACCCAGCCGTTGTTACCATGAAGTGACACCACTCCAGGCCTCTTGTCTG
CAGGCTGGCAGGCTGTCTCTCCAGTTGCCTTCGTCTTGCCTGCCTTTGCATTCTTGCAGCGGC
TTTCTGTTTCTGCGTTTGGATTCCAGCCAAGGCTGTTGTATCTCACTACTGTTTATGTGTTTGGT
TCTGTGATGGTGTGCTTTGATCCTCAGTTATTTTCTTACCATGTTTTTCTGTTTCTTCTCAGGAT
GATTTTATCATCTCATCTTTGAAGTGTGTTTTCCGAAATTCATCGTATTCCTGAAATTTCTTCTAGCT
GTCTTAGTGCAGTTTGTCTTGGATTTGTATTCTCTGGCATGCTTTTTCTCTCTCATTCTTCTGT
AGTATGCCTGCCCTCCTACCCTGCTATTTCTTTACATCTCTCTCATGCTAACATGGATAGCTGTGCCA
GATCTTCTGTCTGCTCATCCATGTGACTCAGAGAGGAGGTTCTGGGCAGGGGGGCTTGGCCGACTGCA
TGAGAGGACATGAGTTTTGCTTCTCTGCTCTAATATTTTGTAAAGCAAGAATCCTTTTCTTAGAGAT
GTTCTATATGATTCCTGTGAGGATTTTCTAGTTTTTTTGGATTATAGCTTGTTCATTTCTTTGTTTTT
AGTTTGGTTTATATAATGAGGGAAGAAGATGATTACATTATTTTTGTCACTTTGCCATCATTGTTTAG
AAGTCATAGAAAAGATTTTTAAATAGGCCAATAAGTCTTAAACTTGAGTACTTGGCTTAGAAGAAAGTCA
AACTCCTTCTTTTGAAGTGGTTGTTTCTGGGAGCTCTAATTTCTATTTTTATAATCATTAG
CCTATAAGGAAATGTGTCTTCTTGTCTCAGGGTGTCTGCTGACCTGTTCACTCATGAAGCATTG
GGTATCATACTTATAGTGTCTGAAACATAAACTGTATTGAGCTAGACAAGGTATAGCCTCCTCTCAAGT
AGCAAATACTATCAAAGCTATAATGCAGTAGGAGCAAGGTGGTCTTGTCCAGTTTTTGTCTCAGTTC
TGCTGCTGATGTACCATGATCTTGGGAAGGTGGTGTCTCAGTGTGGAGATCTGACACATTGTACCGTGC
CTCCTGGCTGGAGGACTTGGAGAACAATGCAGTTAAGTAGAATGGTTTTAAACAACAGAGAAATTTAT
TCATTTAGATAAAAACTGATTTTTAGAACTTTAAAAGCTTTGTACAGTGTAAATAGATTTAATGTATT
AACATGCTTTATCAGCACAATAAAGGATTTAAAATTTGTCAAAAAATTAATGTTAATACTATCACC
ATTAATAATGTTCAAGCAATAGTCTGCCCTCCCCACCCACACCATCTTGACCTGTTCCACAGCTAAGT
ACAGCCCTAGGTTTGGTGTGATTCTCCATGCATTTAGAGAATCATGACACAGACTGCTGCTATAATG
TCATTTCCCATCTTCTTACTAATAAAATTTTGGATTTT
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK094670 unedited

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ATTTTGTAAATACGACTCACTATAGGGCGGCCGCGAATTCGCACGAGGCCTCGTGCCGAA
TTCGGCAGGAGGCTTGTGTTTGTGTTGATGATGTCTACCTCAGAATTAATAACTTTAAGG
AAGAAGAACTCTTCTGAAAGTTAAAAGTTTTAATAATGCTAGCTAAAGGAGAAAATA
CTTGGATTGATTTTTTTTTTTTGGCAATCTAATTATATTGTAATCAGGTACCTAACAG
TTACTCCTGGAGCACATTTGTTCTTTACCCAAAAGATGCTGTGAGGAGCACAGTTAG
AAGTTGAGAACAGAAATCTCAATATTTTTTTTTTATTGGTGCTAAAAGAGGTCTTACA
TTCAGTCAGACCTGTTCAATAAGTTCATCAATATCTGATAACAGCATTATTTGATGCTT
AACTTTAAACATTTATATTTACCATTTGCCACCACAAAGGTCAGGTTTGTATTTGTT
GTTTGATAATTATATTAATTTTCTTGGAAAGATCCTCTTTCAAGGTAAGTGGTAAATTTG
TGAGATTTTTTATTAGTAAAGCATGAAATAGTATGGTAATAAATGATAAGACATGTATTT
GTGAAAGCTGTAGGATTCAGTTTACCCTGGCTTTCTTTAAGCAGAGGGCATCTTTT
TCTCTCCTACAGTCACAAAATGTGTTATCATTAAAAAAAATCANATTAAGCCAAAAGTA
GGTACATAAAAAACCACACACATGCATGCACAAAACATCACTGCAGCCCACAGCAGACC
AGCCGTTGNTACCATGAAGTGACACCACTCCAGCCTCTTGTCTGCAGCTGGCAGGCTG
TCTTCTCTCAGTGCCTTCGNNCTGCGCTGCCTTTGCATTCTTGGCAGCGNCTTTCTTTG
TTNTGCGGGTTAATCCACCAGG
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3' Read Nucleotide Sequence:	>OriGene 3' read for AK094670 unedited ATCTTGNACCGCGCCGCTATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTAAAGCAAGTCA GTATTTTATTTTACTCTTAAATAACAGGTCAAAGGAGAGCAGTTCAAGACTGGCAGGCCA ACTTCTCCTTCCACACATCACTTCCATCTCTTGAGATGCCAGGTCACACTGAAGCT CCCATTGGCCTCCCAGCCAGCAAAGAAAGGGGAATGTCAAGGAGAGTGCATACCCTGCTTC TTTAAAGGGCCAATTGGGAAGTTTAAACTTAGTCATATGGCCACAATTAACATAAGAG AGGCTGAGAAGTAGTCTTAAGCTGAGCAGCCAGACGTCCAGTAAACTCAAAAATTTTA TTAGTAAAGGAAGTGGGAAAATGACATTATAGCAGCAGTCTGTGTCATGTGATTCTCT AAATGCATGGAGAATACACCAAACTAGGGCTGACTTAGCTGTGGAACAGGTGCAAG ATGGTGTGGGGTGGGGAGGCAGACTATTGCTTGAACATTTTTAATGGTGATAGTATTA CATTAAATTTTTGACAAAATTTAAATCCTTTATTTGTGCTGATAAAGCATGTAAAT ACATTAATCTATTTACTGTACAAAGCTTTAAAGTTCTAAAATCAGATTTTATCT AAATGAATAAATTTCTGTATTGTTAAAACCATTCTACTTAACTGCATTGTTCTCCAAG TCCCTCCAGCCCAGAGGCACGGTAACAATGTGTCAGATCTCCACTGAGACACCACCTT CCCAAGATCATGTGACCTCAGCAGCAGAACTGAAACAAAAGTGGAAACAAGGACCACCTG TCCACTGCATATACCTTTGAAAGAATTGCTACTGGAAAGAAGCTTCCCTGTCAAGCTCA TACAGTTATGTTAAACCCTTTATTTGAACCAATGCC
Restriction Sites:	NotI-NotI
ACCN:	AK094670
Insert Size:	2500 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>AK094670.1</u>
RefSeq Size:	1933 bp
RefSeq ORF:	1933 bp
Locus ID:	282965
Cytogenetics:	10q11.23