

Product datasheet for **SC102289**

ERCC6L2 (AK094719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERCC6L2 (AK094719) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERCC6L2
Synonyms:	BMFS2; C9orf102; RAD26L; SR278
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 AK094719, the custom clone sequence may differ by one or more nucleotides

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CATCTTCTCTAAGTACTCCCTCAAAGTAGCAACAAAACTGTAAGTGACATACAATAAGTGTA AAAAT
CAAAACACCATTGGGAAGTGTAGTCATTGAAGACGTTTTAGATTAACAACAAATTTATACCCAAATAC
CTAATCATGTTGAGTTGCTTAATAGTTTCTCTCAATAAAAAATTGGCCAGTACTCCAAAAATGAAAAGGAA
TCGAGGGGAATCATGTAGTTCAATCAGAACCAAAACCATTCTGCTTATATGGAAAAAGGAAAGTGTGTG
ATTAGGTTGCTCCACAATTTTTACCTAAAATGAAGACCAACATAGAAAACCTCATTTCATATAGAATTTA
TATTTTTAGCAAAAGGGTTTTTATACTGTTAAAAGTCATAAACTTCTATGGGCTCTTCCCACTTAAA
ATTGCTGTTGTGATTTTTTGTATACATAGTCACTTTCATCAAAGTTTTTAAAAATATTTTCTTGT
GTTTGGCTTATTATTCTTATTATTTTCTAAGAGCTAAGTGCCTCAGGAGTAATTTTACTATTACTTTAT
GGGCAAGAGTTCAGAATGCATACTGTATATAATACCAATATTTTATTTCAACTTAGTGTATTATACTTT
TAAGAATGAAGGTGAGGGTAGAATTCCTCTGAAGTATCAAGGGAATTAATTTATTCGTACCTCACTGGT
TGACAAAGGAATTAATTAACCTTAACAATAAAACCAGAGTACAAAATGAAATTTAGACCAGAGAAAATG
CAAATTAACCTGAAAGTTAAGACAGGGAGAAAGTTAGAATGCAAATGCATAGAACAATAATGTCTAC
CCAGATATTATATTAATAAGGCTAATTTTATTGACTTTCTGGTAGAAAAACAAAGGAGGTAAAGCTATCT
ATGTAGTGATATCTCAGCTAGTGCATGTGGAAATGTGTGTGGGAGTTGGGTGGTCACAATGACTGAAT
GCCTAGCTGGCATTAAATGTCTGGAAGCCAGGGATCCAAATGGCTATCCTGGACAGGGGACTGGGTTGAG
GGGGCCAAATGGGAGGCACTCCCATATGCAAAAGAAATGTTCTGCCAAAAATGCCATAACACCCTGCTGAG
AAAGGCTGAGTGAATGTTTGCCTTAAGGAAAAAGAAAAAATAACACTGGTCTAGGAGAAGCAAAGC
TTTTCTAGCACTCACTTTGAAGGAAATTTGTCACCTGGTGTTTTTGGGACCCGAGAAGCATATAGTG
AAGAGTCAGTTGCTTATAATATCCCTAGAATAAATCTAATAACAGACTTTGAAAGGCTATCCTTTCTAG
CATTTTTCAGTGTAAATCCATAGGCCAGTGCAGACTACAACCTCGTAAAAGCATTCTTTCATGACCCAAA
TATGCTTTTTATACTCATCTTCTCATTTGATCCAGGAATATACCATCTCTCAACCAACACTTTAAACAGC
ATTTCTACAGTTTACTGCCTTGTATGTGCCATCTGAAAAAGACAGGCGGAATTATGTTGGGTTTTCCAG
AAACTTGCTTTGTTAGGATAAAGAGTATATCAGAATCTTTTAAACAGGTAGCTAATTTTTTATTAGGTTT
TTTTTAAACTGTGCCCTTTTTTAAACCATGTCCTTCTCCATACAAACAAATTTAATGTGAAAGGTCA
GATAATTTGGCAAACCGCTGTAGTGGATGTTAATGAAATAACTGGATATACTGGTCATTAGCTTATCTAA
ATATTTATCAGAGAAGAAATTTACAAGCATATAATTTCTGCAACAATTGATCTGAGAAGCAACCTGTTTC
TTAAGCAAAGTTATAAAAACGAAATGCTGAAAACACAGTTGGCCTGTGAGCTCTTTCAGTCGAAATATT
TTTGAGGTGGACAACACAATCTCATTAGAACCTTGCTCTTTCACAGTGATTTTCAGAGGGAGGGGCATC
TCTTGCTAGGAAACAAATTTGGAATACCTACTCCCTGGGGTTATAATATACCCCTTCGAGGCCATCTATCT
CCCTCATCACACATACCAACTTAATATAAACCTTTTTAGAGAAGATAAAGGAATTAGCTGTTTAAATG
ACTACATTTGGTGAAGTTTTAAAGCCACTAAATGGGAGGTCCATTCCCATGGCACCATTGCTAGCAGCC
CAAACACAGTCTGCAGAAACACTCATTTAGTGGCTGACTTCAGTCAGTAATTGATACAGCAAAATTTCA
TTCTAACATTTCAAAGCTGTCTCACAGAATTTCTGAGAAAAAGTGTCCCAATCACTGATTTTCATCATA
TCGGCTCAATATTACTTCAGCACCTTTAATGAGGAAATCATTGAAACACACTCATCATCTTTGGCTAGAG
AGATTTATGTTACTCAGAGGTTTTGCAGCTGGTGTGGCAGTGGGTGGCAATAGTGAAATTTGCAGTTTTG
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5' Read Nucleotide Sequence:	>OriGene 5' read for AK094719 unedited CACGAGGCTGAGTGAAAGTTTGCCTTAAGGAAAAAGAAAAATAACACTGGTTCTAGGA GAAGCAAAGCTTTTCTAGCACTCACTTTGAAGGAAATTTGTCACCTGGTGTGTTTTGGG GACCGCAGAACGATATAGTGAAGAGTCAGTTGTCTTATAATATCCCTAGAATAAATCTAA TAACAGACTTTGAAAGGCTATCCTTTCTAGCATTCTTTCAGTGTAAATCCATAGGCCAGTG CCAGACTACAACCTCGTGAAGCATTCTTTCATGACCCAAATATGCTTTTTATACTCATCT TCTCATTTGATCCAGGAATATACCATCTCTCAACCAACACTTTAAACAGCATTCTACAG TTTGACTGCCTTGTATGTGCCATCTGAAAAAGACAGGCGGAATTATGTTGGGTTTTCCAG AAACTTGCTTTGTAGGATAAAGAGTATATCAGAAATCTTTTAAACAGGTAGCTAATTTTT TATTAGGTTTTTTTTTAACTGTGCCCTTTTTTAAACCATGTCCTTCTCCATACAAACC TAATTTTAAATGTGAAAGGTGAGATAATTTGGCAAACCGCTGTAGTGGATGTTAATGAAAT AACTGGATATACTGGTCATTAGCTTATCTAAATATTTATCAGAGAAGAAATTTACAAGCA TATAATTTCTGCAACAATTGATCTGAGAAGCAACCTGTTTCTTAAGCAAAGTTATAAAAA CGAAAATGCTGGAACACAGTTGGCCTGTGAGCTCTTTCAGTCGAAATATTTTGAGTGAC ACACAATCTATTA
Restriction Sites:	NotI-NotI
ACCN:	AK094719
Insert Size:	3000 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:	AK094719.1
RefSeq Size:	2449 bp
RefSeq ORF:	2449 bp
Locus ID:	375748
Cytogenetics:	9q22.32
Gene Summary:	This gene encodes a member of the Snf2 family of helicase-like proteins. The encoded protein may play a role in DNA repair and mitochondrial function. Mutations in this gene have been associated with bone marrow failure syndrome 2. Alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Apr 2014]