

Product datasheet for **SC324270**

ERCC6L2 (NM_020207) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ERCC6L2 (NM_020207) Human Untagged Clone
Tag:	Tag Free
Symbol:	ERCC6L2
Synonyms:	BMFS2; C9orf102; HEBO; RAD26L; SR278
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020207, the custom clone sequence may differ by one or more nucleotides

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ATGAAATGTTCAAATGAGAAAGTTGTTAATCAAGAGCAGTCGTATGAATCAATGGATAAATTTTTAGATG
GCGTTCAGGAAGTGGCTTATATCACTCAAACCAGAATGTAATTGGATCGAGCAAAGCTGAAATCACAT
GAGCCGATGGGCAGCACATGACGTATTTGAGTTGAAGCAGTTTTCTCAGCTGCCTGCTAACATAGCTGTT
TGCAGTCTAAGACATATAAAGAAAAAGTGGATGCAGATACATTGCCACACACAAAGAAAGGCCAGCAAC
CGAGTGAAGGCAGCATTTCACTTCTTACATTTCAAATCCTGTAACCAGAGAAGAAAAAAGTCTA
CCATACAAACCAGACCACCTTCATAATTGGAGAAACACAAAAGGAATCCGCAGAAAACAATTTGAAGAA
ATGGCCTCTTATTTAACTCGTCTTCTGTAACGAATTTGCTAAACATATAACCAATGCCACATCAGAAG
AACGACAGAAAATGCTAAGAGACTTTTATGCTTCTCAATATCCAGAGGTAAGAAATTTTTGTGGATTC
TGTGTCACAATTCAACAATTTCTTCTTTGAGAAAGGAGAGCAGCGCACCCGGAAGAAATCTGATAAAGA
GAATCTCTTATAAAACCAAGGCTGTGAGATTCTGAAACCTTGTCATTTAAAGATTCTACCAACAAAATTT
CTCAAGTTTGAGCCTAAAAACATATAAAAGAAAATCAGTTAAGTTTCAGAAATCATATTTCTATAGAGA
AGAGGTGTTTTTAAATGATGCAGAACTAAGAAATCACCTGTTAGTTCTACTCAAGAGATTGACAGTGGG
AAAAACAGCCAGGCATCCGAAGATACTGTGACATCCCCTTCTCTGAACAGTGAGTCTGAAACACGTGAGA
GAAGTTAGAAAATACCATGAAAGACCAACAGGACCTCACAAGAACGGGCATTTCAAGAAAAGAACCCCT
TCTCAAATGGAAAACAAAAGATAGAAAATCCAGTCTGAAAATACTCTGTGATAAGCTTACTTGGT
GATACCTCTATTCTTGATGACCTTTTTAAAAGTCATGGGAACAGTCCCACACAACCTGCCAAAGAAAAGTTC
TTTCAGGGCCCATGAAAAAGCAAAACAGAGACAAAAGATTTCTGGGACATCTTGAATGAGCAGAAATGA
TGAGAGTCTTAGTAACTCACAGACTTGGCAGTAATAGAGACTCTGTGTGAAAAAGCACCTCTAGCAGCA
CCCTTTAAAAGGAGAGAAGAGCCAGCAACTTCTTTGAAAATCAAATGAGAAAATTTTTATGGAAGAAAT
TTAGCCCAAGTGATACAGATGAAAACGCAACCAATACACAGAGTACCACATAA
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Restriction Sites: Please inquire



ACCN:	NM_020207
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_020207.2</u> , <u>NP_064592.1</u>
RefSeq Size:	2916 bp
RefSeq ORF:	1383 bp
Locus ID:	375748
UniProt ID:	<u>Q5T890</u>
Cytogenetics:	9q22.32
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>