

## Product datasheet for **SC213112**

### **XRCC3 (NM\_001100119) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** XRCC3 (NM\_001100119) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** XRCC3  
**Synonyms:** CMM6  
**ACCN:** NM\_001100119  
**Insert Size:** 1211 bp  
**Insert Sequence:** >SC213112 3'UTR clone of NM\_001100119  
 The sequence shown below is from the reference sequence of NM\_001100119. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
CGAGGGACACCTGGGACCCAGTCCCACTGACACGGTGGCGGCTGCACAACAGCCCTGCCTGAGAAGCCC
CGACACACGGGGCTCGGGCCTTTAAAACGCGTCTGCCTGGGCCGTGGCACAGCTGGGAGCCTGGTTCAG
ACACAGCTCTTCCAGGGCAGCGCTCCACTTTCTCATCCGAAGATGGTGGCCACAGACTGACCCCATC
TGAGCTGGGGGATGTTCTGCCTCTCCCTGGGTCTGGGGACAGGCCCGCTTGCTGGGTACCTGGTCCCC
ACTGCTGAGCTGGCCCTTGGGAGAGGTGATTCTCAGGGCTGGAGCCTGGGGTGTCTACAGTGACTCC
CTGGGAGCCGCTGCTTCTTCTCCACATGGAAGCCCACTGGGGTTGCGTCTGAGGCCTGCCCCCTG
GGCTGGGGCTCAGACCCCTCAGCCTTGGGACCGTGCCACGAGGGTCTCCCCTCTGCACACAGGGC
AGTCCTTACTCCCCACCACTCAGGCCACAGTGGGGCTGCAGGCAGGGCGCTCCTCCTACCCACCTCT
GGGTCCTTGGCTCCCGGGGGCCCCACCTCGGCACACACTGTGCCCCACAAAATTCAAGTGGTACAAG
GTGGAGAAAGCATATCCCAACCACTCCAGTGTGAGGGTCCAGGAGAGCCTGGGGGTGGGGGACTGCC
TTGTCTTAGTAGTGTGGCCTGTGCCAGCACAGCCGGTCCAGAGGAGCGCAGGCAGCGCAGGGCTGG
CACGTGACAGGCTCGTACGCCACCTGGGAACACAGTTCTGGGCAAGAGGATCCGAGGTTGAGAGGAAG
GAGGGTCCCGGTGATCCTGGCCCTGGGGGTCTGGGCGTCCAGCTCAGCCCTGGCCTGGGTGGTA
TTCTGGTAGGGATATGGCAGGACTCCTGGCAGGGCCACCTGCAGGACCCTGTCTGACAGTCCCACACTG
TGCAGACCCAGTCCCACACTGTGGCCAGGCCTTACATCTGGTGGAAAGCAGAGCCTCCTGGGAACACA
TCTGGTGCACAGGCTGAAATATCCACCAGCAGGCAGAGTGGCGTGGCCTCCCCATGGGCACAGTGGT
GACCCCTTGATTCCCACCGTACAACCCCTCCACCCCACTCAGTGCCTCCACATGCTGCCTGGCAC
AGACCAGGCCTTGGACAAATAAATGTTCAATGGATGCA
AGCGGACCGACTTACGCGTAAGCGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCG
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**Restriction Sites:** SgfI-RsrII



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001100119.2</a>
<b>Summary:</b>	This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene functionally complements Chinese hamster irs1SF, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents and is chromosomally unstable. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	7517
<b>MW:</b>	41.7