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Product datasheet for SC207435

XRCC4 (NM_022550) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	XRCC4 (NM_022550) Human 3' UTR Clone
Symbol:	XRCC4
Synonyms:	SSMED
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022550
Insert Size:	548 bp
Insert Sequence:	>SC207435 3'UTR clone of NM_022550 The sequence shown below is from the reference sequence of NM_022550. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCCCAGAAGACCTCTTTGATGAGATTTAACAGTCTCAAAAAATACTTTGATGTTCACTAGACTATGTT TTCTATTCATTTCTTTAAAATGAAAAAGGAGAATTTCAAGTCAGCAGCCGCTATTACCGTATCTTACAA TTTAATTACATACACAGTGAATTGAAACCATTGTGCAAAATGGATTACACATGTATACAAAGATACGAT TTGATGATGACACTGGCACATTATTCTAAACTATTCATTCAGCATGCCTATAATTACATAAATTGTATG AGACTTTTTGTTGCAAAGGACACATTTATCATATTCATTCACACATATTATATGTGATAGCTGTCCAAC ATCCTGTCTGGGAAGATTTTGAAAACAGGACAAAGAAAACATCATTTTAAAATGTCTTCAGCTTTTTTT GAATAGACGTATTCAAACATATTCTGAACATTGATGTTTGAACATTTTAATTTGTGTGATGATGTAGAA AATATAATTTTAGTTTGTACATAAACATTGTGAAAATCTGATAATAAAATTTTTGATACATTGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	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).

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Components:	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.
RefSeq:	NM_022550.4
Summary:	The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand breaks. This protein plays a role in both non-homologous end joining and the completion of V(D)J recombination. Mutations in this gene can cause short stature, microcephaly, and endocrine dysfunction (SSMED). Alternate transcript variants such as NM_022406 are unlikely to be expressed in some individuals due to a polymorphism (rs1805377) in the last splice acceptor site. [provided by RefSeq, Oct 2019]
Locus ID:	7518
MW:	21.8