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Product datasheet for SC207434

XRCC4 (NM_022406) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: XRCC4 (NM_022406) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: XRCC4

Synonyms: SSMED

ACCN: NM_022406

Insert Size: 548 bp

Insert Sequence:

>SC207434 3'UTR clone of NM_022406
The sequence shown below is from the reference sequence of NM_022406. 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).

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_022406.5

View online »

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