

Product datasheet for **SC210028**

XPC (NM_001145769) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	XPC (NM_001145769) Human 3' UTR Clone
Symbol:	XPC
Synonyms:	RAD4; XP3; XPCC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145769
Insert Size:	832 bp
Insert Sequence:	>SC210028 3'UTR clone of NM_001145769 The sequence shown below is from the reference sequence of NM_001145769. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCCACCTGTTCCCATTTGAGCAGCTGTGAGCTGAGCGCCCACTAGAGGGGCACCCACCAGTTGCTGCT
GCCCCACTACAGGCCCCACACCTGCCCTGGGCATGCCAGCCCCTGGTGGTGGGGCTTCTCTGCTGAG
AAGGCAAAGTGAGGCAGCATGCACGGAGCGGGTCAGGGGAGACGAGGCCAAGCTGAGGAGGTGCTGC
AGGTCCCCTCTGGCTCCAGCCCTTGTCAGATTCACCAGGGTGAAGCCTTCAAAGCTTTTTGCTACCAA
AGCCCCTCACCCCTTTGAGCTACAGACACTTTGCTAGGAGATACTCTTCTGCCTCCTAGACCTGTTCT
TTCCATCTTTAGAAACATCAGTTTTTGTATGGAAGCCACCGGGAGATTTCTGGATGGTGGTGCATCCGT
GAATGCGCTGATCGTTTTCTCCAGTTAGAGTCTTCATCTGTCGACAAGTTCACTCGCCTCGGTTGCGG
ACCTAGGACCATTTCTCTGCAGGCCACTTACCTTCCCCTGAGTCAGGCTTACTAATGCTGCCCTCACTG
CCTCTTTGAGTAGGGGAGAGAGCAGAGAAGTACAGGTCATCTGCTGGGATCTAGTTTTCCAAGTAACA
TTTTGTGGTGACAGAAGCCTAAAAAAGCTAAAATCAGGAAAGAAAAGGAAAAATACGAATTGAAAAAT
AAGGAAATGTTAGTAAAAATAGATGAGTGTAAACTAGATTGTATTCACTACTAGATAAAATGTATAAAG
CTCTCTGTACTAAGGAGAAATGACTTTTTATAACATTTTGAGAAAAATAATAAGCATTTATCTAAAAAAA
AAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul



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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:	<u>NM_001145769.1</u>
Summary:	The protein encoded by this gene is a key component of the XPC complex, which plays an important role in the early steps of global genome nucleotide excision repair (NER). The encoded protein is important for damage sensing and DNA binding, and shows a preference for single-stranded DNA. Mutations in this gene or some other NER components can result in Xeroderma pigmentosum, a rare autosomal recessive disorder characterized by increased sensitivity to sunlight with the development of carcinomas at an early age. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2017]
Locus ID:	7508
MW:	31.5