

Product datasheet for **SC202874**

XPD (ERCC2) (NM_000400) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	XPD (ERCC2) (NM_000400) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ERCC2
Synonyms:	COFS2; EM9; TFIIH; TTD; TTD1; XPD
ACCN:	NM_000400
Insert Size:	1822 bp



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Insert Sequence: >SC202874 3'UTR clone of NM_000400
 The sequence shown below is from the reference sequence of NM_000400. 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
AGGATAGAGCAGATTGCTCAGCAGCTCTAGTGGGGCGGGTGGGGCCATAAACGGTTCCTGGTGACTCC
TGAGTCTTGCCTGGCCCTGGTTCCAGCGCGGGTGGTGCTAGAAGTCTTATGAAGTCAGGTGACATTT
CTCACTGTCACGTCCACAGCCTTAAATCGCAGGAGAAGGCAGCTATCCACCAGGTACCCAGAGGCAAGG
GGGGGCCAGGAGATGATAGACCCCTCTACCCACCAGCCCATCCCTCCTGCACTGTTCCCAAGAAGC
TGCGGCCAGCGCAGTTCCTGACGTTAGTGGGGGCTCAGGTCTGGGTGCTGGCGCTGAGGGTCCGAG
GGGCCTTGTCCAGGTGCCAGCTGGGAACTGGAGACAGGCACAGGGGATGGTTGGAGGGGAGGTGAGGG
GCAAGTGTACATCCACCCTCCAGCTCCAGGTCCAGCCTGGCAGCCAATATCCAACCCCTCGCCTCT
ACCCCAAGTAAAACCCATCTTTGCTCCTGTCTGGGTCTCTTCTGACACCAACCCACCACCTGCTGACT
CCACCCTGGCCCGACCCGCTGCCTTTGCCTCATCTCTGCACCTACCCACATGGCTCCTCTATTTTT
GACCCAGATGTCCCCCTCACCTGAGTCCCAGGAGCCCTTGGAGCATCCACGTTACAGTGTGTTGAGTGAC
ATGGCTCTCTTATTCTGCAAAGAGGGCAGCAGGGAGGAAATGAGTGAATCCAGGAGTGGCCCCCTCC
ACGAGGGACCTTTCCAGCACAGGGTTTGTCTGTGTATCACAGGGGAGATGGGAGCCATGGAAGGTT
CTTGAGCAAGATGGGGTGGGGTGGGGTGGGGTGGGATCTGCTGATGTCAGGGCTCTTTGCCGACC
TGATCAACACTCACCCGGCTGCTCCTGCCGCCCTCGCCTCGGAGCCGGGAGACCAGCTTCTCACTTC
CTCGCTGATAGACTCACGGATCTTGGAGAGTGAGCTGCTGCGGCGAAGGGCCTGGGAGGGGCCGGGG
ATGCTGCTCAGTCCCCAGGCCATGCAGTCCCCACGCCACCCAGGAGCCGAAGCACAGCCCATCTCT
CACCTGTTCTGCGTCAACAGCTGTGCTGTGTTGGGGGCACCTAGGGGGAAGATGGGGGACACTGAGA
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GGTCTCTTGTGGAGGATTTCTTTGTACAGCTCTCCGCTTGTGATACTTGTCTGTTTCAGGTAGG
CTGAGGCTGCGGAGAAGGGAGTGTCTGGAACTTTTCGGACCCAGTCCCAACACTGCATCCAGTCC
CGCCTTTTTTTTTTTTTTTGTAGAGACAGGGTCTTGGTATGTTGCCAGGCTGGTCTTGAACCTCTAG
CCTCAAGTGATCCTCCTGCCTGGCCTCCAAAGTGTGGGGTTACAAGCGTGAACCACCACGTCTGGC
CCCCTTTCTAATGTGCTGACCTGGCCGTATCCTTCCCCTGCCTAAAGCCTTGCCTGGGGCAGAGTGG
GTTTGGAGCTCGCCTTACTTCTGCCCTGGGGATGGAGGACAGGCAGCCTCCTGTTTCTGAGCCTGTC
TGCTGTACTTTGGCTGGTGGCATGGCCTCGGTGCCTCAGTCTTCCACACGCAAAGTGGAGCGACAGC
TCCCACCTCATAGGGACGCTATAAGAACTAGCGATGTGGGGACCGGGCTAAGAGGGGAGCCGGCCACAG
TGAGCTCAATAAATGTCTGCTGCTGCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_000400.4](#)

Summary:

The nucleotide excision repair pathway is a mechanism to repair damage to DNA. The protein encoded by this gene is involved in transcription-coupled nucleotide excision repair and is an integral member of the basal transcription factor BTF2/TFIIH complex. The gene product has ATP-dependent DNA helicase activity and belongs to the RAD3/XPD subfamily of helicases. Defects in this gene can result in three different disorders, the cancer-prone syndrome xeroderma pigmentosum complementation group D, trichothiodystrophy, and Cockayne syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

Locus ID:

2068

MW:

64.8