

Product datasheet for **SC204025**

XPB (ERCC3) (NM_000122) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: XPB (ERCC3) (NM_000122) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ERCC3
Synonyms: BTF2; GTF2H; RAD25; Ssl2; TFIIH; TTD2; XPB
ACCN: NM_000122
Insert Size: 336 bp
Insert Sequence: >SC204025 3'UTR clone of NM_000122
The sequence shown below is from the reference sequence of NM_000122. 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
CACCCGCTCTTCAAGCGCTTTAGGAAATGATGCTTAGGCAGGGTACTTCGTTCAAGACCGGCGCTTGGC
ACCCTTGTGGAAAGGGATTTTCAGCATAACATTTTCTCCACCTCTTGACCTCCCTCCAGCGTTG
GCCAAATTGTGCTGAGGAAGATGCATCAAGGGCTTGGCTGTGCCTTCATAGGTCATCTAGGGTTTTATA
AAGGAGGAGGAGACAATATTTTTCAAACCTTTTTGGGGAGTGGGGTCATTCTGTATATAAAAAATGTT
AATATTTAAGGTGATTTATGTTACCGTTCTGAATAAACAGAATGGACCATTGAACCAGT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_000122.2](#)



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Summary: This gene encodes an ATP-dependent DNA helicase that functions in nucleotide excision repair. The encoded protein is a subunit of basal transcription factor 2 (TFIIH) and, therefore, also functions in class II transcription. Mutations in this gene are associated with Xeroderma pigmentosum B, Cockayne's syndrome, and trichothiodystrophy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]

Locus ID: 2071

MW: 12.6