

## Product datasheet for **SC207401**

### XPA (NM\_000380) Human 3' UTR Clone

#### Product data:

Product Type: 3' UTR Clones

Product Name: XPA (NM\_000380) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: XPA

Synonyms: XP1; XPAC

ACCN: NM\_000380

Insert Size: 560 bp

Insert Sequence: >SC207401 3'UTR clone of NM\_000380

The sequence shown below is from the reference sequence of NM\_000380. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCCATGAACTGACATATGAAAAATGTGATTTTTTAGTTCAGTGACCTGTTTTATAGAATTTTATATT
TAAATAAAGGAAATTTAGATTGGTCCTTTTCAAATTCAAAAAAGCAACATCTTCATAGATGAAT
GAAACCCTTGATAAGTAATACTTCAGTAATAATTATGTATGTTATGGCTTAAAAGCAAGTTTCAGTGA
AGGTCACCTGGCCTGGTTGTGTGCACAATGTCATGTCTGTGATTGCCTTCTTACAACAGAGATGGGAGC
TGAGTGCTAGAGTAGGTGCAAGTGGTAGGTCAGCTACAAATTTGAGGACAAGATACCAAGGCAAACC
CTAGATTGGGGTAGAGGGAAAAGGGTTCAACAAAGGCTGAACTGGATTCTTAACCAAGAAACAAATAAT
AGCAATGGTGGTGCACCACTGTACCCAGGTTCTAGTCATGTGTTTTTAGGACGATTTCTGTCTCCAC
GATGGTGGAAACAGTGGGAACTACTGCTGGAAAAAGCCCTAATAGCAGAAATAACATTGAGTTGTAC
GAGTCTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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.



[View online »](#)

RefSeq: [NM\\_000380.4](#)

**Summary:** This gene encodes a zinc finger protein plays a central role in nucleotide excision repair (NER), a specialized type of DNA repair. NER is responsible for repair of UV radiation-induced photoproducts and DNA adducts induced by chemical carcinogens and chemotherapeutic drugs. The encoded protein interacts with DNA and several NER proteins, acting as a scaffold to assemble the NER incision complex at sites of DNA damage. Mutations in this gene cause Xeroderma pigmentosum complementation group A (XP-A), an autosomal recessive skin disorder featuring hypersensitivity to sunlight and increased risk for skin cancer. [provided by RefSeq, Aug 2017]

Locus ID: 7507

MW: 21.5