

Product datasheet for **SC202702**

NEIL1 (NM_024608) Human 3' UTR Clone

Product data:

| | |
|---------------|--------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | NEIL1 (NM_024608) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | NEIL1 |
| Synonyms: | FPG1; hFPG1; NEI1 |
| ACCN: | NM_024608 |
| Insert Size: | 2000 bp |



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Insert Sequence: >SC202702 3'UTR clone of NM_024608
 The sequence shown below is from the reference sequence of NM_024608. 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
TTGGAACCAGAGGGGACCTCAGCCTCTAGCAGGAGGCTCTCCTTGTGCACTCACCCCTTTCTTATTG
TCTTGCCCTGCATCTGGGGTCTGAATTTTTGGGAGCAGGCAATATCTGAAGGTGAAACAGGCCCTAC
GGCTGTTCCCTGCACAACTCTCATGTTTTAATTGTACCCCATCTTCCACATCTTAAAGCTCATGTGA
AAAATGCTGCATTTTTAATAAACTGATACATTTGAACTTCTTGGCACCTTTGGTCTGAGATGGCCAGG
TAGGAAGGGCCTGCTGTCCGGTCTGGTGACAGAAGGCCAGCTCCTCACAAGGCAAACTGAGCCCCCA
TCCAGTCTCAAGGCTCTGACTCTATCAGAGGACAGTTTGCCTCTGCAAGGACAGCCCTCAGAGGTG
GTACAAAGACCCTGGCCCCAGGCAGCCAGGAGCCAGAGCTCCTCCAGTCCAGATTCTCCAGGGTCCAG
GGCTGCCCCCTCATCCTGGCAGGAGCCAGGCAAAACCCACCTTTCGCCCCCTCCCAGCCCCAGGCCCA
GGCCCTTTACCTGCTGGCACAGGGGAGGGGCTTCTCAACTCATGTCTCTTCACTGGCTTTTGGTGGCT
CGAGGTCCCCAGTCTCTCTGTGGGGGCTGCAACCCAGACCTGCACGCACAGGTACCTTAGGATCTTG
CCCCTACCCACCAAAATACCTGGGAAGCCATCCCACCCAGACTTCCCACCCCAAGCGTGAGGA
TGGGCCCTAAGGGGACTGAGCAGCAGGGTCCCAGTCCAAGGATTTATCCACAAGAAAAGACTGATCC
CTGCTTTAGGCTGGGGAAGCAGAAATTAGGAGTCCCAGAGCCTTCTACAAAACAAAACCCAGCCCCAG
GGACTCAGTGTGGCGGAGGCTGAAGCACGAGCAACAGGGACAGCACTTGGAAAGGAGAAAAGGTGAGCT
TCAGGCGGTTGTCCGAAGGGTCAAGTGGCCAGCAGGGTCTGGTCGCTCCAAGAGATCGCAGCTGGAGA
ACAGGAGGGGCCATGAAGGCTCTGCGAGGGCAGACTCGACCCCGCCCCAATCCACACCGCCACTCA
CAGGATGGCCTCCTGAACCGGCAGCGACAAGTGCAGCCAGCAGTCCACGTGGCTGCCGTGGGCCTATA
CAGCCTCAGGACCAGCGAGCGGGCTGGGGGCTGCTCTCCGCTGCAGAGGAACCGTCTGGTGGGAGG
GGCCGAGGGCAGGCCAGTTTCGGAACCCCGTCCCAGCACGTCCCACCCCTTGCCTGCTTACGCTCTC
CAATACGACCGGGTGAAGACACGAAAACGCACTCCAGGAGGTGGCGGGCGTGGGCTGGGGGCTGG
CAGAGCCAACAGGGGAAGTTTAGGCTGTAGGCAGCTTGATAACGCCAGCATCTGGAAAGAGCCTGG
GGTACGACCAGGAAACAATGCTGGTGGAGAATGGGGCTACCCTCCCCTGTCCCTAGAAGGGGCAGGAA
GCCAGTTGCTGGGTTTGGGCTCAGGGAAGGGCAGAGAGGTGTCTAGGGCTGCAGGAAGCCCCACCG
TCCCCAGCACTACCCTTGTGCGGCATCAGTGCATAGGTGAACTCGTGGCGCCCCGTGTCAGCAGTAGC
GTCCGGGGCTTTAGGCGCCCGCAAGCTGGGGTGAAGGAGGGCGCTAGGGGCCACGCTGAAGCTGTTGGA
GTTGTGGTCCGGAAGACCCATTTCTCCATGCCAGCTCCCAGGCCTGGTGGGTACCCCACTTACAGCGAG
AGGCTGAGGATGCTGCCTCGCACTGACGCGCCATACTTGCAGTCTTGGAGCAGGGCCAGCCAAAGCCG
TGTTCTGACAGATCCATCCAGCGATGGGCCACACCTGGAGGGCAGATCCAAGACCCACTTGGTGGCCC
TGTGCCCTCTTTGTGCTCCAGACTCCAGAGCTCTGTCACTAGGCCGAGCACAAGCTCTAGAACCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_024608.4](#)

Summary: This gene is a member of the Nei endonuclease VIII-like gene family which encodes DNA glycosylases. The encoded enzyme participates in the DNA repair pathway by initiating base excision repair by removing damaged bases, primarily oxidized pyrimidines. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

Locus ID: 79661

MW: 72.6