

Product datasheet for **SC206306**

NEI3 (NEIL3) (NM_018248) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: NEI3 (NEIL3) (NM_018248) Human 3' UTR Clone
Symbol: NEI3
Synonyms: FGP2; FPG2; hFPG2; hNEI3; NEI3; ZGRF3
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_018248
Insert Size: 495 bp
Insert Sequence: >SC206306 3'UTR clone of NM_018248
The sequence shown below is from the reference sequence of NM_018248. 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
CCAGGAATAAAAATTATTCCTGGATGCTAATATCTGTAGATTCTCTGGCATTTAGTCTCTTCAAAGTTAC
GTATAATGTTTGGTCCTCTCTGTTTCATAGAAAAGTCATAGAATATCTATGATACATTGAAAAGTTAC
TGCAATATTTGAGAACTGTTCTTTTTTTTTCTTGTGTGTGCCATCTTCCATTGTTGGCTACGTCTTTT
CTTTTGCCTTGATGAACGTTCTATGTATTTTCATCGGATATACAGCATATCCATTTAGGATGTGTATTT
AATGCATTTAGTAATGACGATAAAGTGTTTTTAGTATGCTTTTAGTCTCTTGAACTGGGGAGAAGCAG
TGTTTTTTTTTAGGAAAGGATTATGCGACACAATAAAATAAGATATTCTGTCTGTAGTGAATACATTT
CTCATGTAATAACTATTTATAATATATGATTAAGATATTTCTTGTTTTATTAATAATAAGAAATA
AGATCTCCTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_018248.3
Summary:	NEIL3 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family. These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction (Bandaru et al., 2002 [PubMed 12509226]).[supplied by OMIM, Mar 2008]
Locus ID:	55247
MW:	19.3