

# Product datasheet for TP762007

## NEIL1 (NM\_024608) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Human nei endonuclease VIII-like 1 (E. coli) (NEIL1), Leu186-Ser390, with N-terminal His tag, expressed in E. coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding the region(Leu186-Ser390) of NEIL1 or AA Sequence: N-His Tag: Predicted MW: 22.7 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 078884 79661 Locus ID: **UniProt ID:** Q96FI4 **RefSeq Size:** 1896 Cytogenetics: 15q24.2 **RefSeq ORF:** 1170 Synonyms: FPG1; hFPG1; NEI1



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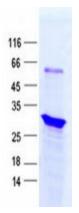
### OriGene Technologies, Inc.

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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]
Protein Familie	s: Druggable Genome

Protein Pathways:	Base excision repair
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# Product images:



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