

Recombinant Human NEIL1 protein, His-tagged

Cat. No. NEIL1-1257H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEIL1 protein(AAH10876.1) (Met 1-Ser 390) was expressed in E.coli, fused with a polyhistidine tag at the C-terminus and an initial Met at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-390 aa
Form	Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 8.0.
Molecular Mass	The recombinant human NEIL1 comprises 400 amino acids and migrates as an approximately 45 kDa band as predicted in SDS-PAGE under reducing conditions.
Purity	> 84 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70°C as supplied. - 1 month, 2 to 8°C under sterile conditions after reconstitution. - 3 months, -20 to -70°C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be

 Tel: 1-631-559-9269 1-516-512-3133

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apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	NEIL1 nei endonuclease VIII-like 1 (E. coli) [Homo sapiens]
Official Symbol	NEIL1
Synonyms	NEIL1; nei endonuclease VIII-like 1 (E. coli); endonuclease 8-like 1; FLJ22402; FPG1; hFPG1; NEI1; NEH1; nei homolog 1; endonuclease VIII; nei-like protein 1; endonuclease VIII-like 1; DNA glycosylase/AP lyase Neil1; DNA-(apurinic or apyrimidinic site) lyase Neil1;
Gene ID	79661
mRNA Refseq	NM_001256552
Protein Refseq	NP_001243481
MIM	608844
UniProt ID	Q96FI4

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