

Recombinant Human NEIL1 protein, GST-tagged

Cat. No. NEIL1-301252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEIL1 (1-390 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser390
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MPEGPELHLASQFVNEACRALVFGGCVEKSSVSRNPEVPFESSAYRISASARGKEL RLILSPLPGAQPQQEPLALVFRFGMSGSFQLVPREELPRHAHLRFYTAPPGPRLALC FVDIRRFGRWDLGGKWQPGRGPCVLQEYQQFRENVLRLNLADKAFDRPICEALLDQ RFFNGIGNYLRAEILYRLKIPPF EKARSVLEALQQHRPSPELTSLQKIRTKLQNPDLLE LCHSVPKEVVQLGGRGYGSESGEEDFAAFRAWLRCYGMPGMSSLQDRHGRTIWF QGDPGPLAPKGRKSRKKKSKATQLSPEDRVEDALPPSKAPSRTTRAKRDLPKRTAT QRPEGTSLQQDPEAPTVPKKGRRKGRQAASGHCRPRKVKADIPSLEPEGTSAS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).
	Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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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