

# Human NEIL1 Recombinant Protein



RPPB2019

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## Product Information    Protein Information

**Product SKU:**

RPPB2019

**Accession:**

Q96FI4

**Host:**

Escherichia Coli.

**Protein description:**

NEIL1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 410 amino acids (1-390) and having a molecular mass of 45.8kDa. NEIL1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Endonuclease 8-like 1, DNA glycosylase/AP lyase Neil1, DNA-(apurinic or apyrimidinic site) lyase Neil1, Endonuclease VIII-like 1, FPG1, Nei homolog 1, NEH1, Nei-like protein 1, NEIL1, NEI1, hFPG1.

**Formulation:**

The NEIL1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MPEGPELHLA SQFVNEACRA LVFGGCVEKS SVSRNPEVPF ESSAYRISAS  
ARGKELRLIL SPLPGAQPQQ EPLALVFRFG MSGSFQLVPR EELPRHAHLR FYTAPPGPRL ALCFVDIRRF  
GRWDLGGKWQ PGRGPCVLQE YQQFRENVLN NLADKAFDRP ICEALLDQRF FNGIGNYLRA EILYRLKIPP  
FEKARSVLEA LQQHRPSEL TLSQKIRTKL QNPDLLELCH SVPKEVVQLG GKGYSSESSE EDFAAFRAWL  
RCYGMPPGMSS LQDRHGRTIW FQGDGPPLAP KGRKSRKKKS KATQLSPEDR VEDALPPSKA PSRTRAKRD  
LPKRTATQRP EGTSLQQDPE APTVPKKGRR KGRQAASGHC RPRKVKADIP SLEPEGTSAS.