

## Nei Endonuclease VIII-Like 2 Human Recombinant

<b>Item Number</b>	rAP-1071
<b>Synonyms</b>	Endonuclease 8-like 2, DNA glycosylase/AP lyase Neil2, DNA-(apurinic or apyrimidinic site) lyase Neil2, Endonuclease VIII-like 2, Nei homolog 2, NEH2, Nei-like protein 2, NEIL2, NEH2.
<b>Description</b>	NEIL2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 356 amino acids (1-332) and having a molecular mass of 39.4kDa. NEIL2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q969S2
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSHMPEGPL VRKFHHLVSP FVGGQVVKTG GSSKKLQPAS LQSLWLQDTQ VHGKKLFLRF DLDEEMGPPG SSPTPEPPQK EVQKEGAADP KQVGEPGQK TLD- GSSRSAE LVPQGEDDSE YLERDAPAGD AGRWLRVSFG LFGSVVWVDF SRAKKANKRG DWRD- PSPRLV LHFGGGGFLA FYNCQLSWSS SPVVTPTCDI LSEKFHRGQA LEALGQAQPV CYLLDQRYF SGLGNIKNE ALYRAGIHPL SLGSVLSASR REVLVDHVVE FSTAWLQGGK QGRPQHTQVY QKEQCPA- GHQ VMKEAFGPED GLQRLTWWCP QCQPQLSEEP EQCQFS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	The NEIL2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**