

**Enzymax, LLC**  
870 Corporate Drive, suite 201,  
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## Product Information

**Product Name:** UNG2, human  
**Catalog #:** 5  
**Size:** 10 µg

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**Product:** UNG2, human

**Product description:**

This is the nuclear form of Uracil-DNA glycosylase (UNG2). It is a DNA glycosylase without associated AP lyase activity (monofunctional glycosylase). Uracil in single-stranded and double-stranded DNA is the major substrate of this enzyme. The glycosylase is highly active in removing uracil residues from DNA by hydrolyzing the C-N glycosylic bond. Reaction products are free uracil and AP site in DNA. Uracil-DNA glycosylase is widely used for base excision repair studies and used for generating natural AP sites in DNA.

**Source:** Recombinant full length human UNG2 protein expressed in *E. coli*.

**Molecular Weight:** 40 kDa (35 UNG2 + ~5 kDa N-terminal tag)

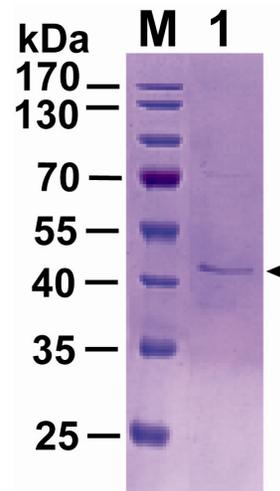
**Presentation:**

Purified human UNG2 protein is supplied in a buffer containing 50 mM Tris-HCl (pH7.5), 500 mM NaCl, and 10% glycerol.

**Storage:**

Stable for 2 years at -70°C from date of shipment. Please aliquot to avoid repeated freezing and thawing.

**Analysis by SDS-PAGE:**



**Purified human UNG2 protein.**

The protein (200 ng) was analyzed by electrophoresis on a 15% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The arrowhead indicates the full length UNG2. Protein size markers are indicated on the left.