

## DNA Repair, Replication, Recombination

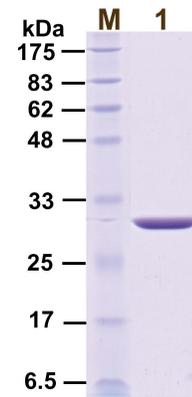
### Uracil-DNA Glycosylase, *E. coli*

Molecular Mass: 26 kDa

Catalog #	Size	Price
34	5 µg	\$250

#### Description

Uracil-DNA glycosylase (ung) 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.



**Purified *E. coli* uracil-DNA glycosylase.** The protein (400 ng) was analyzed by electrophoresis on a 15% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers (lane M) are indicated on the left.