Native E.coli ung

Cat. No. ung-8332E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	E.coli Uracil DNA Glycosilase (UNG) catalyses the release of free Uracil from Uracil-containing DNA. UNG efficiently hydrolyzes uracil from signle-stranded or double-stranded DNA, but not from oligomers (6 fewer bases).
Species	Rat
Source	E.coli
Description	UDG and Ndk form a complex (Goswami, 2006). Uracil can be generated in DNA as a result of misincorporation by DNA polymerase, spontaneous deamination of cytosine, and deamination of cytosine induced by bisulfite or nitrous acid.
Form	10mM Tris-Hcl (pH-7.4 at 25C), 50mM KCl, 1mM DTT, 0.1mM EDTA, 0.1 mg/ml BSA and 50% glycerol.
Notes	For research use only.
Storage	Uracil DNA Glycosilase although stable at 15°C for week, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.

GENE INFORMATION

Gene Name	ung uracil-DNA-glycosylase [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	ung

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Synonyms	ECK2578; JW2564
Gene ID	947067
Protein Refseq	NP_417075
Pathway	Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem

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