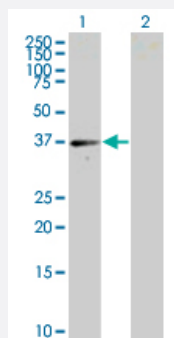


UNG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007374-T01

Size 100 uL

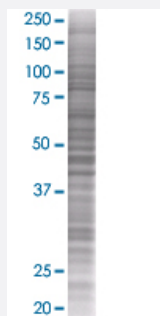
Applications



Western Blot

Lane 1: UNG transfected lysate (33.9 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

UNG transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-UNG full-length

Host Human

Theoretical MW (kDa) 33.55

Quality Control Testing Transient overexpression cell lysate was tested with Anti-UNG antibody ([H00007374-B01](#)) by Western Blots.
Western Blot
Lane 1: UNG transfected lysate (33.9 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
UNG transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — UNG

Entrez GeneID	7374
GeneBank Accession#	NM_003362
Protein Accession#	NP_003353
Gene Name	UNG
Gene Alias	DGU, DKFZp781L1143, HIGM4, UDG, UNG1, UNG15, UNG2
Gene Description	uracil-DNA glycosylase
Omim ID	191525 608106
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of several uracil-DNA glycosylases. One important function of uracil-DNA glycosylases is to prevent mutagenesis by eliminating uracil from DNA molecules by cleaving the N-glycosylic bond and initiating the base-excision repair (BER) pathway. Uracil bases occur from cytosine deamination or misincorporation of dUMP residues. Alternative promoter usage and splicing of this gene leads to two different isoforms: the mitochondrial UNG1 and the nuclear UNG2. [provided by RefSeq]
Other Designations	uracil-DNA glycosylase 1, uracil-DNA glycosylase 2 uracil-DNA glycosylase 2

Pathway

- [Base excision repair](#)
- [Primary immunodeficiency](#)

Disease

- [Breast cancer](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Immunologic Deficiency Syndromes](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Prostatic Neoplasms](#)
- [Severe Combined Immunodeficiency](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)