

Recombinant Human UNG protein, GST-tagged

Cat. No. UNG-3600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UNG protein(P13051-2) (Phe 85-Leu 304) was expressed in E.coli, fused with the GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	85-304 aa
Form	Lyophilized from sterile 40mM Tris, 0.15M NaCl, 2mM GSH, pH 7.5.
Molecular Mass	The recombinant human UNG/GST chimera consists of 452 amino acids and has a predicted molecular mass of 52 kDa. It migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	UNG uracil-DNA glycosylase [Homo sapiens]
Official Symbol	UNG
Synonyms	UNG; uracil-DNA glycosylase; DGU; HIGM4; UDG; UNG1; UNG2; uracil DNA glycosylase 1; uracil DNA glycosylase 2; uracil-DNA glycosylase 1, uracil-DNA glycosylase 2; UNG15; DKFZp781L1143;
Gene ID	7374
mRNA Refseq	NM_003362
Protein Refseq	NP_003353
MIM	191525
UniProt ID	P13051
SDS-PAGE	