

Recombinant Human UNG protein, GST-tagged

Cat. No. UNG-2559H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human UNG protein(P13051-2)(Phe85-Leu304), fused with GST tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Phe85-Leu304 |
| Form | Lyophilized from sterile 40mM Tris, 0.15M NaCl, 2mM GSH, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| 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 approxiamtely 48 kDa band in SDS-PAGE under reducing conditions. |
| Purity | > 90 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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. |

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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 |

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