

# Human uracil-DNA glycosylase (GST Tag) recombinant protein



Catalog Number: 500267

## General Information

### Protein Construction

A DNA sequence encoding the human UNG isoform 1 (P13051-2) (Phe 85-Leu 304) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### 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.

### Formulation

Lyophilized from sterile 40mM Tris, 0.15M NaCl, 2mM GSH, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

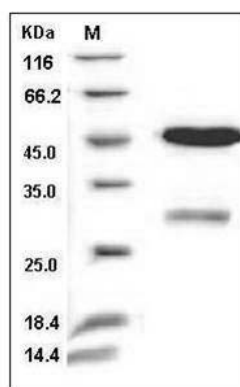
### Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human Uracil-DNA glycosylase / UNG Protein  
(GST Tag) SDS-PAGE