

# Human HAGH (His Tag) recombinant protein



Catalog Number: 500274

## General Information

### Gene Name Synonym

Glyoxalase II

### Protein Construction

A DNA sequence encoding the mature form of human HAGH isoform 2 (Q16775-2) (Met 1-Asp 260) was fused with a polyhistidine tag at the C-terminus

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 96 % 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 HAGH consisting of 270

amino acids and has a calculated molecular mass of 30.2 kDa. It migrates as an approximately 19 kDa band in SDS-PAGE under reducing conditions

### Formulation

Lyophilized from sterile 20mM Tris, 0.15 M NaCl, 10% glycerol, 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

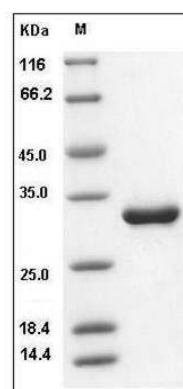
### Storage

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 HAGH / GLO2 / Glyoxalase II Protein (His Tag) SDS-PAGE