

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

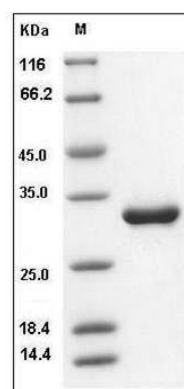
Storage

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