

General Information

Protein Construction

A DNA sequence encoding the human Histone H4 (NP_003539.1) (Met1-Gly103) was expressed.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 95 % 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 Histone H4 consists of 103 amino acids and predicts a molecular mass of 11.4 kDa. It migrates as an approximately 12 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 2 mM β -ME in dd H₂O, pH 6.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

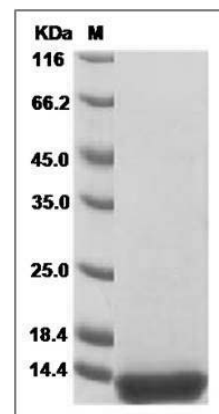
Storage

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 Histone H4 / HIST2H4A Protein SDS-PAGE