Human Histone H4 / HIST2H4A Protein

Catalog Number: **10912-HNAE**

General Information

Gene Name Synonym:

FO108; H4; H4/A; H4/B; H4/C; H4/D; H4/E; H4/G; H4/H; H4/J; H4/K; H4/M; H4/N; H4F2; H4FA; H4FB; H4FC; H4FD; H4FE; H4FG; H4FH; H4FI; H4FJ; H4FK; H4FM; H4FN; HIST1H4A; HIST1H4B H4/I; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4; HIST2H4A

Protein Construction:

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

Source: 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 ℃

Predicted N terminal: Met

Molecular Mass:

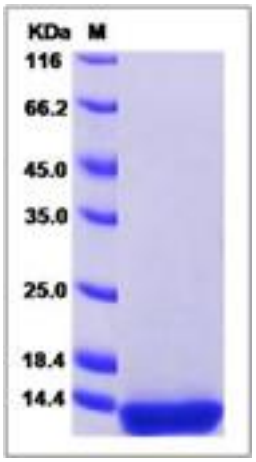
The recombinant human Histone H4 consists of 103 amino acids and predicts a molecular mass of 11.4 kDa. It migrates as an approximately 12 kDa band in SDS-PAGE under reducing conditions.

Formulation:

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

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

SDS-PAGE:



Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.