# Recombinant Human Full Length HIST2H4A protein

**Cat. No.** HIST2H4A-303H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human Full Length HIST2H4A protein(NP_003539.1) (Met1-Gly103) was expressed in E. coli. |
| **Species** | Human |
| **Source** | E. coli |
| **ProteinLength** | 1-103 aa |
| **Form** | Lyophilized from sterile 2 mM β-ME in dd H2O, pH 6.0. |
| **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 apximately 12 kDa band in SDS-PAGE under reducing conditions. |
| **Purity** | > 95 % as determined by SDS-PAGE |
| **Storage** | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| **protein Refseq-** | http://www.ncbi.nlm.nih.gov/protein/NP_003539.1 |

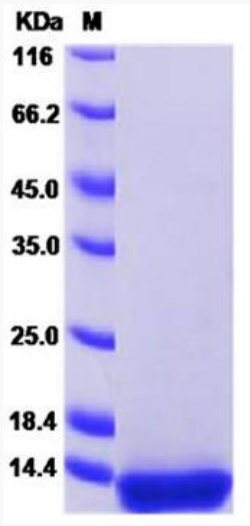
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| **Weblink** | |
| **Unit ID** | P62805 |
| **Unit ID-Weblink** | http://www.uniprot.org/uniprot/P62805 |

## GENE INFORMATION

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| **Gene Name** | HIST2H4A histone cluster 2, H4a [ Homo sapiens ] |
| **Official Symbol** | HIST2H4A |
| **Synonyms** | HIST2H4A; histone cluster 2, H4a; H4 histone, family 2 , H4/n, H4F2, H4FN, HIST2H4, histone 2, H4 , histone 2, H4a; histone H4; histone 2, H4a; H4 histone, family 2; histone IV, family 2; H4 histone family, member N; H4; H4/n; H4F2; H4FN; FO108; HIST2H4; HIST4H4; HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4B; |
| **Gene ID** | 8370 |
| **mRNA Refseq** | NM_003548 |
| **protein Refseq** | NP_003539 |
| **MIM** | 142750 |

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| **SDS-PAGE** |  |



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