

## Histone H4 Protein, Human, Recombinant

### General Information

Synonyms:	HIST1H4E;H4FK;HIST1H4J;H4/M;HIST1H4A;H4FD;H4FC;H4/J;H4FN;H4FE;HIST1H4B H4/I;HIST1H4C;HIST1H4H;H4/K;H4/H;HIST1H4I;H4FH;H4/C;H4FJ;H4/D;H4/B;H4FB;H4FG;H4/E;H4FM;HIST1H4F;H4;H4/N;HIST1H4D;H4FI;H4/A;FO108;H4/G;H4FA;HIST1;H4F2
Protein Construction:	A DNA sequence encoding the human Histone H4 (NP_003539.1) (Met1-Gly103) was expressed. Predicted N terminal: Met
Species:	Human
Expression Host:	E. coli
Accession:	B2R4R0
Molecular Weight:	11.4 kDa (predicted); 12 kDa (reducing conditions)

### QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin:	Please contact us for more information.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing 2 mM β-ME in dd H2O, pH 6. 0. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

### Preparation and Storage

#### Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

#### Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

#### Shipping:

In general, Lyophilized powders are shipping with blue ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use**

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