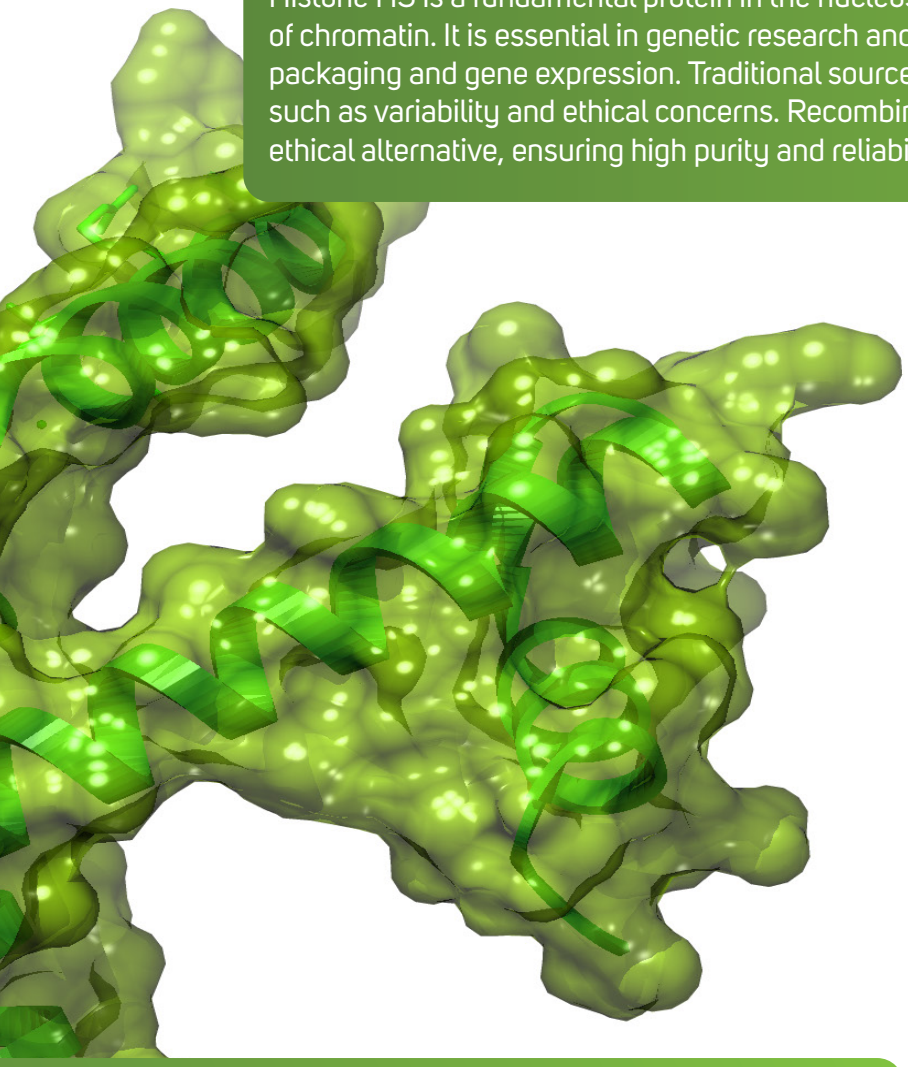
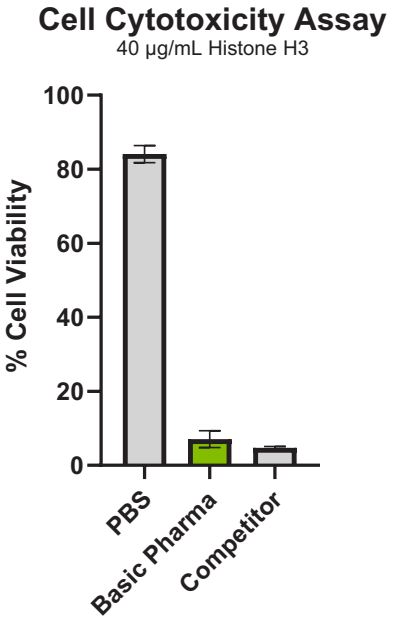
Recombinant
Human Histone H3

Histone H3 is a fundamental protein in the nucleosome, playing a critical role in the organization of chromatin. It is essential in genetic research and biotechnology due to its involvement in DNA packaging and gene expression. Traditional sources of histones from animal tissues pose challenges such as variability and ethical concerns. Recombinant protein expression provides a consistent and ethical alternative, ensuring high purity and reliability for scientific applications.

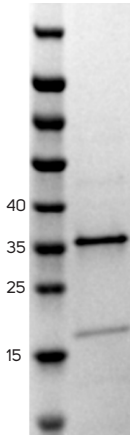


Benefits of our Histone H3

- Recombinant human Histone H3.3
- Homogeneously expressed in *E. coli*
- Free of animal and viral components
- N-terminal His-tag and Thrombin cleavage site
- >95% purity (SDS PAGE)
- Identity confirmed with Western Blot
- Shows comparable actitivy to commercially sourced Histone H3 from Calf Thymus, based on cytotoxicity assay
- Lyophilized from HEPES Buffer
- Supplied in low-binding tubes to ensure optimal sample recovery



Competitor is commercially sourced Histone H3 form Calf Thymus



SDS PAGE 4-20%

Your Protein?

This recombinant Histone H3 has been developed in collaboraton with Maastricht University (NL) and manufactured at Basic Pharma (NL). We are pleased to offer this service to new clients, providing customized solutions for the development and manufacturing of novel recombinant proteins and biopharmaceuticals. Whether you are working on biologics or other recombinant proteins, we can assist in the development and production to enhance safety, stability, and efficacy of your products. Our team is dedicated to delivering high-quality, reliable protein solutions tailored to meet your specific needs.

Contact us to order Histone H3 or learn about our partnering opportunities.

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