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Datasheet for ABIN7538322  
**HIST1H1C Protein (Fc Tag)**

1 Image

Overview

Quantity:	50 µg
Target:	HIST1H1C
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIST1H1C protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant mouse HistoneH1.2 protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) Mouse HistoneH1.2 (Lys34-Thr99)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	HIST1H1C
Alternative Name:	HistoneH1.2 ( <a href="#">HIST1H1C Products</a> )
Background:	Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units,

## Target Details

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called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. [provided by RefSeq, Feb 2014]

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Molecular Weight: predicted molecular mass of 32.9 kDa after removal of the signal peptide. The apparent molecular mass of hFc-mHistoneH1.2 is 25-55 kDa due to glycosylation.

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UniProt: [P15864](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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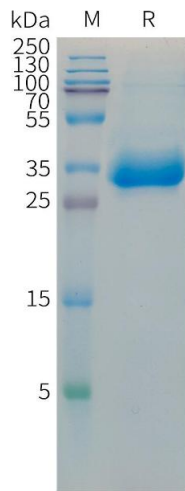
Storage: -20 °C,-80 °C

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Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

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Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Mouse HistoneH1.2 Protein, hFc Tag on SDS-PAGE under reducing condition.