



# Recombinant Human Histone H1.0 (H1F0)

<b>Product Code</b>	CSB-MP010087HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P07305
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTENSTSAPA AKPKRAKASK KSTDHPKYSD MIVAAIQA EK NRAGSSRQSI QKYIKSHYKV GENADSIQIKL SIKRLVTTGV LKQTKGVGAS GSFRLAKSDE PKKSVAFKKT KKEIKKVATP KKASKPKKAA SKAPTKKPKA TPVKKAKKKL AATPKKAKKP KTVKAKPVKA SKPKKAKPVK PKAKSSAKRA GK KK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	H1F0
<b>Protein Names</b>	Recommended name: Histone H1.0 Alternative name(s): Histone H1' Histone H1(0)
<b>Expression Region</b>	1-194
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H1 family.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.