Recombinant Human Histone H1oo (H1FOO)

Product Code	CSB-YP809025HU
Abbreviation	H1FOO
Storage	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.
Uniprot No.	Q8IZA3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAPGSVTSDI SPSSTSTAGS SRSPESEKPG PSHGGVPPGG PSHSSLPVGR RHPPVLRMVL EALQAGEQRR GTSVAAIKLY ILHKYPTVDV LRFKYLLKQA LATGMRRGLL ARPLNSKARG ATGSFKLVPK HKKKIQPRKM APATAPRRAG EAKGKGPKKP SEAKEDPPNV GKVKKAAKRP AKVQKPPPKP GAATEKARKQ GGAAKDTRAQ SGEARKVPPK PDKAMRAPSS AGGLSRKAKA KGSRSSQGDA EAYRKTKAES KSSKPTASKV KNGAASPTKK KVVAKAKAPK AGQGPNTKAA APAKGSGSKV VPAHLSRKTE APKGPRKAGL PIKASSSKVS SQRAEA
Source	Yeast
Target Names	H1FOO
Protein Names	Recommended name: Histone H1oo Alternative name(s): Oocyte-specific histone H1 Oocyte-specific linker histone H1 Short name= osH1
Expression Region	1-346
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. The protein encoded is a member of the histone H1 family. This gene contains introns, unlike most histone genes. The protein encoded is a member of the histone H1 family. The related mouse gene is expressed only in oocytes.
Reconstitution	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.
Shelf Life	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.