



Recombinant Mouse Histone H1.1 (H1-1)

Product Code CSB-EP010376MO

Relevance

Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation .

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. P43275

Product Type Recombinant Proteins

Immunogen Species Mus musculus (Mouse)

Purity ≥ 90% as determined by SDS-PAGE.

Sequence SETAPVAQAASTATEKPAAAKTKKPAKAAAPRKKPAGPSVSELIVQAVSSSK
 ERSGVSLAALKKSLAAAGYDVEKNNRIKLGKSLVNGTLVQTKGTGAAGSF
 KLNKKAESKAITTKVSVKAKASGAACKPKKTAGAAAKKTVKTPKKPKPAVSKK
 TSKSPKPKVVKAKKVAKSPAKAKAVKPKASKAKVTKPKTPAKPKKAAPKKK

Research Area Others

Source E.coli

Target Names H1-1

Expression Region 2-213aa

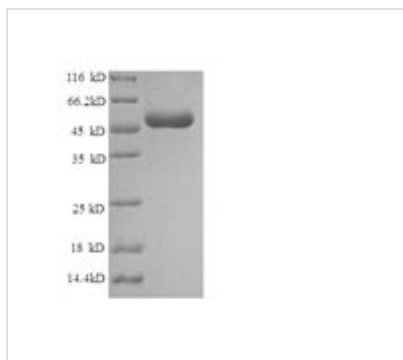
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Tag Info N-terminal GST-tagged

Mol. Weight 48.7kDa

Protein Length Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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