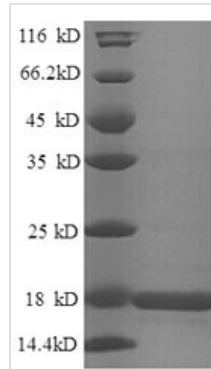




# Recombinant Mouse Histone H2B type 1-M(Hist1h2bm)

<b>Product Code</b>	CSB-EP010413MO
<b>Relevance</b>	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a tplate. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome rodeling.
<b>Storage</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.
<b>Uniprot No.</b>	P10854
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	H2B 291B
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	PEPTKSAPAPKKGSKKAVTKAQKKDGGKRRKRSRKESYSVYVYKVLKQVHPDT GISSKAMGIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLLPGELA KHAVSEGTKAVTKYTSSK
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Gene Names</b>	Hist1h2bm
<b>Expression Region</b>	2-126aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	17.8kDa
<b>Protein Description</b>	Full Length of Mature Protein
<b>Image</b>	



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