

Recombinant Mouse Histone H2B type 1-M(Hist1h2bm)

Catalog No: #AP70392

Package Size: #AP70392-1 20ug #AP70392-2 100ug #AP70392-3 1mg

Description

Product Name	Recombinant Mouse Histone H2B type 1-M(Hist1h2bm)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-126aaSequence Info:Full Length
Other Names	H2B 291B
Accession No.	P10854
Calculated MW	17.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	PEPTKSAPAPKKGSKKAVTKAQKKDGKKRKRSRKESYSVYVYKVLKQVHPDTGISSKAMGIMNSFVNDIFERI AGEASRLAHYNKRSTITSREIQTAVRLLPGELAKHAVSEGTKAVTKYTSSK
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. 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 remodeling.

References

SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.