

Recombinant human Histone H2B type 1-N

Catalog No: #AP71496



Package Size: #AP71496-1 20ug #AP71496-2 100ug #AP71496-3 1mg

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Description

Product Name	Recombinant human Histone H2B type 1-N
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-126aaSequence Info:Full Length
Other Names	Histone H2B.d ;H2B,d
Accession No.	Q99877
Uniprot	Q99877
GeneID	8341;
Calculated MW	29.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	PEPSKSAPAPKKGSKKAVTKAQKKDGGKKRKRKRKESYSVYVYKVLKQVHPDTGISSKAMGIMNSFVNDIFERI AGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVTKYTSSK
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

The human and mouse replication-dependent histone genes.Marzluff W.F., Gongidi P., Woods K.R., Jin J., Maltais L.J.Genomics 80:487-498(2002)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only