Recombinant Crocodylus niloticus Histone H2B

Catalog No: #AP72952

Package Size: #AP72952-1 20ug #AP72952-2 100ug #AP72952-3 1mg

Orders: order@signalwayantibody.com
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Description

Product Name	Recombinant Crocodylus niloticus Histone H2B
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-93aaSequence Info:Full Length
Accession No.	P02280
Uniprot	P02280
Calculated MW	12.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	PEPAKSAPAPKKGSKKAVTKTQKKGDKKRKKSRKESYSIYVYKVLKQVHPDTGISSKAMGIMNSFVNDIFERIA GEASRLAHYNKRSTITSR
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

"Histone H2B variants from the erythrocytes of an amphibian, a reptile and a bird."van Helden P., Strickland W.N., Brandt W.F., von Holt C. Biochim. Biophys. Acta 533:278-281(1978)Research Topic:Others

Note: This product is for in vitro research use only