

RPCB2026

Product Information

Product SKU:	RPCB2026	Gene ID:	92815	Size:	100µg
Tag:	No tag	Reactivity:	Human		

Additional Information

Expression Host:	E.coli	Swissprot:	Q7L7L0
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: HIST3H2A is a member of histones, which are a complex family of highly conserved basic proteins responsible for packaging chromosomal DNA into nucleosomes. Covalent modification of histones is important in regulating chromatin dynamics and transcription. One example of such modification is ubiquitination, which mainly occurs on histones H2A and H2B. E3 ubiquitin ligase complex is specific for histone H2A (HIST3H2A). Reducing the expression of Ring2 results in a dramatic decrease in the level of ubiquitinated H2A in HeLa cells. DNA damage induces monoubiquitylation of histone H2A (HIST3H2A) in the vicinity of DNA lesions.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Histone H2A Protein, tested reactivity in E.coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1.0 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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