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# Datasheet for ABIN2722801 HIST1H2AH Protein (Myc-DYKDDDDK Tag)





Overview

Quantity:	20 µg
Target:	HIST1H2AH
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIST1H2AH protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human Histone H2A type 1-H protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	HIST1H2AH
Alternative Name:	Histone h2a Type 1-H (HIST1H2AH Products)
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.

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### Target Details

	[UniProtKB/Swiss-Prot Function]
Molecular Weight:	13.7 kDa
NCBI Accession:	NP_542163

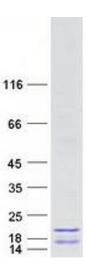
## Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

#### Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.

#### Images



#### Western Blotting

Image 1. Validation with Western Blot

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