

[Go to Product page](#)

Datasheet for ABIN7504354 **HIST3H2A Protein (AA 2-130)**

Overview

Quantity:	100 µg
Target:	HIST3H2A
Protein Characteristics:	AA 2-130
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Human Histone H2A type 3 Protein
Sequence:	Ser2-Lys130
Characteristics:	Recombinant Human Histone H2A type 3 Protein is expressed from E.coli without tag.It contains Ser2-Lys130.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	HIST3H2A
Alternative Name:	Histone H2A type 3 (HIST3H2A Products)
Background:	The family of histone H2A proved that there are a lot of variants associated with cancer

Target Details

development. HIST3H2A is a promising biomarker for predicting prognosis of pancreatic cancer, and it could be a potential therapeutic target. HIST3H2A might regulate the progression of tumor immune in pancreatic cancer through modulating the JAK-STAT pathway. In addition, the role HIST3H2A in pancreatic cancer may be related to DCST1-AS1, HIST1H2B, SLC12A9-AS1.

Molecular Weight: 13.99 kDa. The protein migrates to 15-20 kDa based on Tris-Bis PAGE result.

UniProt: [Q7L7L0](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months