

## Recombinant Human HIST1H3A protein, GST-tagged

Cat. No. HIST1H3A-3031H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HIST1H3A protein(P68431)(1-136aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-136aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	42.3 kDa
<b>AA Sequence</b>	MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRYQ KSTELLIRKLPFQRLVREIAQDFKTDLRFQSSAVMALQEACEAYLVGLFEDTNLCAIH AKRVTIMPKDIQLARRIRGERA
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name**

HIST1H3A histone cluster 1, H3a [ Homo sapiens ]

**Official Symbol**

HIST1H3A

**Synonyms**

HIST1H3A; histone cluster 1, H3a; H3 histone family, member A , H3FA, histone 1, H3a; histone H3.1; H3/A; histone H3/a; histone H3/b; histone H3/c; histone H3/d; histone H3/f; histone H3/h; histone H3/i; histone H3/j; histone H3/k; histone H3/l; histone 1, H3a; H3 histone family, member A; H3FA;

**Gene ID**

8350

**mRNA Refseq**

NM\_003529

**Protein Refseq**

NP\_003520

**MIM**

602810

**UniProt ID**

P68431

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