

Recombinant Human Histone H2AX protein, GST-tagged

Cat. No. Histone H2AX-30130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Histone H2AX (1-143 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Tyr143
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MSGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGYHAERVGAGAPVYLA AV LEYLTAIEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLGGVTIAQGGVLPNIQAV LLPKKTSATVGPKAPSGGKKATQASQEY
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name H2AX H2A.X variant histone [Homo sapiens (human)]

Official Symbol Histone H2AX

Synonyms H2AX; H2A.X; H2A/X; H2AFX

Gene ID 3014

mRNA Refseq NM_002105

Protein Refseq NP_002096

MIM 601772

UniProt ID P16104

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