

Product datasheet for **TP710343**

H2AW (NM_033445) Human Recombinant Protein

Product data:

| | |
|--|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human histone cluster 3, H2a (HIST3H2A), full length, with C-terminal DDK tag, expressed in sf9, 20ug |
| Species: | Human |
| Expression Host: | Sf9 |
| Expression cDNA Clone or AA Sequence: | A DNA sequence from TrueORF clone, RC200984, encoding human full-length HIST3H2A |
| Tag: | C-DDK |
| Predicted MW: | 13.9 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 50 mM Tris-HCl, 100 mM glycine, pH 8.0, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_254280 |
| Locus ID: | 92815 |
| UniProt ID: | Q7L7L0 |
| RefSeq Size: | 496 |
| Cytogenetics: | 1q42.13 |
| RefSeq ORF: | 390 |
| Synonyms: | HIST3H2A |



[View online »](#)

Summary:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene contain a palindromic termination element. [provided by RefSeq, Aug 2015]

Protein Pathways:

Systemic lupus erythematosus

Product images: