

Recombinant Human HIST1H3A Protein Product Manual

1. Product Basic Information

Product No.: REP07113

Protein Name: H3 Histone Family Member E Pseudogene (HIST1H3A)

Aliases: H3 histone family member E pseudogene; H3 histone family; member A; H3/A

UniProt ID: P68431

UniProt Link: <https://www.uniprot.org/uniprotkb/P68431/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-136aa)

Molecular Weight: 42.3kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-136aa)

MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRY
QKSTELLIRKLPFQRLVREIAQDFKTDLRFQSSAVMALQEACEAYLVGLFEDTNLCAI
HAKRVTIMPKDIQLARRIRGERA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human HIST1H3A full length protein (1-136aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. HIST1H3A, also known as H3 histone family member E pseudogene or H3 histone family or member A, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.