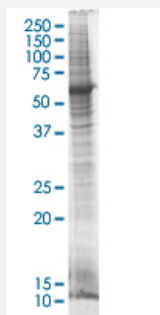


H3F3B HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

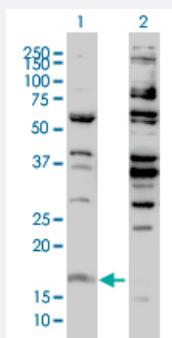
Catalog # L122T6 Size 100 ug

Applications



SDS-PAGE Gel

H3F3B transfected lysate



Western Blot

Lane 1: H3F3B transfected lysate (15 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-H3F3B full length
Host	Human
Theoretical MW (kDa)	15
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-H3F3B antibody ([H00003021-M01](#)) by Western Blots.
SDS-PAGE Gel
H3F3B transfected lysate
Western Blot
Lane 1: H3F3B transfected lysate (15 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — H3F3B

Entrez GeneID

[3021](#)

GeneBank Accession#

[BC017558](#)

Protein Accession#

[AAH17558](#)

Gene Name

H3F3B

Gene Alias

H3.3B, H3F3A

Gene Description

H3 histone, family 3B (H3.3B)

Omim ID

[601058](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a member of the histone H3 family. [provided by RefSeq]

Other Designations

H3 histone, family 3A|H3 histone, family 3B

Pathway

- [Systemic lupus erythematosus](#)