

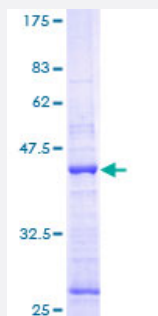
Full-Length

H3F3A (Human) Recombinant Protein (P01)

Catalog # H00003020-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human H3F3A full-length ORF (AAH29405, 1 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MARTKQTARKSTGGKAPRKQLATKAARKSAPSTGGVKKPHRYRPGTVALREIRRYQKSTELLIRKL PFQRLVREIAQDFKTGLRFQSAAGALQEASEAYLVGLFEDTNLCAIHAKRVTIMPKDIQLARRIRGE RA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.7
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — H3F3A

Entrez GeneID [3020](#)

GeneBank Accession# [BC029405](#)

Protein Accession# [AAH29405](#)

Gene Name H3F3A

Gene Alias H3.3A, H3F3, MGC87782, MGC87783

Gene Description H3 histone, family 3A

Omim ID [601128](#)

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 replication-independent member of the histone H3 family. [provided by RefSeq]

Other Designations OTTHUMP00000035618|OTTHUMP00000035619|OTTHUMP00000035621

Pathway

- [Systemic lupus erythematosus](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)