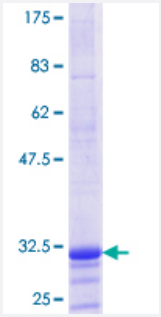
H1F0 (Human) Recombinant Protein (Q01)

Catalog # H00003005-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human H1F0 partial ORF (NP_005309.1, 42 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RAGSSRQSIQKYIKSHYKVGENADSQIKLSIKRLVTTGVLKQTKGVGASGSFRL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.68
Interspecies Antigen Sequence	Mouse (100)
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 — H1F0

Entrez GeneID	3005
GeneBank Accession#	NM_005318
Protein Accession#	NP_005309.1
Gene Name	H1F0
Gene Alias	H10, H1FV, MGC5241
Gene Description	H1 histone family, member 0
Omim ID	142708
Gene Ontology	Hyperlink
Gene Summary	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chro mosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped aro und a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H 4). 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 member of the histone H1 family. [provided by RefSeq
Other Designations	H1.0, H1(0), H1-0|OTTHUMP00000028818

Disease

- Genetic Predisposition to Disease
- Ovarian Neoplasms