

# H2BFWT (Human) Recombinant Protein (Q01)

Catalog # H00158983-Q01

Size 25 ug, 10 ug

## Applications

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## Specification

<b>Product Description</b>	Human H2BFWT partial ORF ( NP_001002916.1, 31 a.a. - 130 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	GPSSETTSEEQLITQEPKEANSTTSQKQSKQRKRGRHGPRRCHSNCRGDSFATYFRRVLKQVHQ GLSLSREAVSVMDSLVHDILDRIATEAGHLARSTKR
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — H2BFWT

Entrez GeneID	<a href="#">158983</a>
GeneBank Accession#	<a href="#">NM_001002916</a>
Protein Accession#	<a href="#">NP_001002916.1</a>
Gene Name	H2BFWT
Gene Alias	MGC148130, MGC148131
Gene Description	H2B histone family, member W, testis-specific
Omim ID	<a href="#">300507</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Testis-specific histones, like H2BFWT, are synthesized and accumulate at specific stages of mammalian spermatogenesis. Their proposed functions range from facilitation of the replacement of somatic histones by protamines to epigenetic control of gene transcription (Churikov et al., 2004 [PubMed 15475252]).[supplied by OMIM]
Other Designations	-

## Pathway

- [Systemic lupus erythematosus](#)

## Disease

- [Infertility](#)