

Product datasheet for **TP762602**

H2AZ2 (NM_138635) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human H2A histone family, member V (H2AFV), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of H2AFV
Tag:	N-GST and C-HIS
Predicted MW:	12 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_619541
Locus ID:	94239
UniProt ID:	Q71UI9
RefSeq Size:	825
Cytogenetics:	7p13
RefSeq ORF:	342
Synonyms:	H2A.Z-2; H2AFV; H2AV



[View online »](#)

Summary:

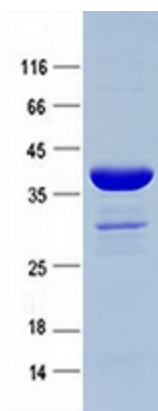
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber 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 encodes a replication-independent histone that is a member of the histone H2A family. Several transcript variants encoding different isoforms, have been identified for this gene. [provided by RefSeq, Oct 2015]

Protein Families:

Druggable Genome

Protein Pathways:

Systemic lupus erythematosus

Product images:

Purified recombinant protein H2AFV was analyzed by SDS-PAGE gel and Coomassie Blue Staining.