

Histone H2A.V Recombinant Protein | H2AFV recombinant protein

Recombinant Human Histone H2A.V

CATALOG # AAA117020	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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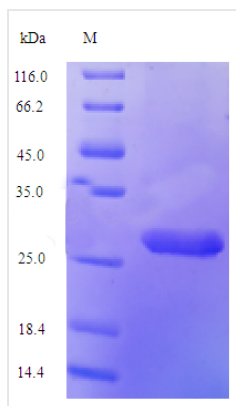
PRODUCT SYNONYMS

Histone H2A.V; Recombinant Human Histone H2A.V; H2A.F/Z; H2AFV recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-128aa; Full length
Sequence	MAGGKAGKDS GKAKAKAVSR SQRAGLQFPV GRIHRHLKTR TTSHGRVGAT AAVYSAAILE YLTAEVLELA GNASKDLKVK RITPRHLQLA IRGDEELDSL IKATIAGGGV IPHIHKSIG KKGQQKTA
Sequence Length	128
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for H2AFV recombinant protein	Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division
References	"Precise characterization of human histones in the H2A gene family by top down mass spectrometry." Boyne M.T. II, Pesavento J.J., Mizzen C.A., Kelleher N.L. J. Proteome Res. 5:248-253(2006)

NCBI AND UNIPROT INFORMATION

NCBI GeneID	94239
UniProt Accession #	Q71UI9; Q59GV8; Q6PK98; A6NFA8; A6NKY0; A6NN01; A8MQC5
Molecular Weight	29.5 kDa
NCBI Official Synonym Full Names	H2A histone family member V
NCBI Official Symbol	H2AFV
NCBI Official Synonym Symbols	H2AV; H2A.Z-2
NCBI Protein Information	histone H2A.V
UniProt Protein Name	Histone H2A.V
UniProt Gene Name	H2AFV
UniProt Synonym Gene Names	H2AV
UniProt Entry Name	H2AV_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/h2afv-recombinant-protein-e-coli/117020>