

Recombinant Hepatitis B virus X Protein

Cat. No. HBx-3258V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Hepatitis B Virus Protein X is a 17.8kDa protein containing 165 amino acid residues and purified by proprietary chromatographic techniques.
Species	HBV
Source	E.coli
Form	Filtered (0.4µm) and lyophilized from 0.5mg/ml in 50mM acetate buffer pH4 and 5% trehalose.
Molecular Mass	17.8kDa
AA Sequence	MRGSHHHHHHGSAA RVCCQLDPARDVLC LRPVGAESRGRPVSGPFGTLPSPSSSA VPADHGAHLSLRGLPVCAFSSAGPCALRFTSARRMETTVNAHQVLPKVLHKRTLGL SAMSTTDLEAYFKDCLFKDWEELGEEIRLKVFVLGGCRHKLVCSAPPCNFFTSA
Purity	Greater than 90%
Storage	For long term storage lyophilized protein should be stored at -20 centigrade. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4 centigrade for a limited period of time; it does not show any change after two weeks at 4 centigrade.
Reconstitution	It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

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For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 g/ml. In higher concentrations the solubility of the HBV X antigen is limited. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

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