

# HBV X Recombinant Protein



RPPB5507

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## Product Information   Protein Information

**Product SKU:**

RPPB5507

**Accession:**

P12936

**Host:**

Escherichia Coli.

**Protein description:**

HBV-X Recombinant produced in E. coli is a single polypeptide chain containing 165 amino acids (2-154) and having a molecular mass of 17.8 kDa. HBV-X is fused to a 12 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Formulation:**

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 50mM acetate buffer pH4 and 5% trehalose.

**Purity:**

Greater than 90%.

**Solubility:**

It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/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.

**Stability:**

For long term storage lyophilized protein should be stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MRGSHHHHHH GSAARVCCQL DPARDVLCLR PVGAESRGRP VSGPFGTLPS PSSSAVPADH GAHLSLRGLP  
VCAFSSAGPC ALRFTSARRM ETTVNAHQVL PKVLHKRTLK LSAMSTTDLE AYFKDCLFKD WEELGEEIRL  
KVFVLGGCRH KLVCSAPCN FFTSA.