

PRODUCT DATA SHEET

Hepatitis B Virus Protein X Hepatitis B virus E. coli

Cat. No.: RD972038100-B

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Hepatitis B virus

Other Names:

HBx

Description:

Total 165 AA. MW: 17.8 kDa (calculated). UniProtKB acc.no. P12936 (Ala2-Ala154). N-terminal His-tag (12 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

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

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in 50 mM acetate buffer, pH=4.0 + 5% (w/v) trehalose

Reconstitution:

Add 0.1 M acetate buffer pH 4.0 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.