

Hepatitis b virus pre-s region (120-145)

Cat. No.:	HY-P4043
CAS No.:	104504-34-9
Molecular Formula:	C ₁₃₅ H ₁₉₉ N ₃₉ O ₃₈ S
Molecular Weight:	3008.33
Sequence Shortening:	MQWNSTTFHQTLQDPRVRGLYFPAGG
Target:	HBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Hepatitis b virus pre-s region (120-145) is a preS2 peptide that inhibits the binding of single-chain Fv fragment (scFv) or IgG to r-HBsAg ^[1] .
In Vitro	Hepatitis b virus pre-s region (120-145) (0.001-10 μM; 30 min) competitively inhibits the binding of scFv or IgG to r-HBsAg (coated on the ELISA plate) in a dose-dependent manner ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Passafiume M, et al. Sequence analysis of a monoclonal antibody specific for the preS2 region of hepatitis B surface antigen, and the cloning, expression and characterisation of its single-chain Fv construction. FEBS Lett. 1998 Dec 28;441(3):407-12.

Caution: Product has not been fully validated for medical applications. For research use only.

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