



Recombinant HBV Core Antigen (a.a. 1-149)(subtype ayr) [His] (DAG2293)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	C-terminal 6xHis tagged HBcAg (HBV) protein (a.a. 1-149)
Species	HBV
Purity	> 95%, based on SDS PAGE
Conjugate	His
Applications	WB standard, antibody ELISA, immunogen, etc.
Format	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea.
Concentration	N/A
Size	100 µg, 1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	An antigen of the DNA core of the hepatitis B virus, indicating the presence of replicating hepatitis B virus. The nucleocapsid of the Hepatitis B virus (HBV) is extremely immunogenic. The icosahedral nucleocapsid is composed of 180 or 240 subunits of a 183-residue protein that is known as the HBV core (HBc) antigen (HBcAg). The subunits are clustered as dimers, producing spikes that protrude from the underlying shell domain, and contain the immunodominant loop of HBcAg. HBc antigen (HBcAg) capsids can activate naive B cells by cross-linking their surface receptors.
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Keywords

C; Capsid protein; core; Core antigen; Core protein; HBcAg; Hepatitis B core antigen; p21.5; 5730409E04Rik
