

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com **OriGene Technologies GmbH** 

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

## BIN024 Human Hepatitis B Core Antigen / HBcAg - Azide Free

Alternate names:	HPV Cancid protoin HPV Caro protoin p215
	HBV Capsid protein, HBV Core protein, p21.5
Quantity:	1 mg
Concentration:	1.8 mg/ml
Background:	Hepatitis B Virus Core Antigen (HBcAg) is part of the infectious virion containing an inner "core particle" enclosing the viral genome. The icosahedral core particle contains 180 or 240 copies of the core protein. HBcAg is one of the three major clinical antigens of hepatitis B virus but disappears early in the course of infection. The hepatitis B virus core antigen (HBcAg) is a highly immunogenic subviral particle and functions as both a T-cell-dependent and a T-cell-independent antigen. Therefore, HBcAg may be a promising candidate target for therapeutic vaccine control of chronic HBV infection.
Species:	Human
Source:	Pichia pastoris
Format:	<b>State:</b> Liquid purified fraction <b>Purity:</b> >95% pure by SDS-PAGE (compares with reference lot). <b>Buffer System:</b> 0.02M Potassium Phosphate, pH 6.5 +/- 0.3 without preservatives.
Applications:	ELISA and Western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Recombinant Hepatitis B Virus Core Antigen. Full length Hepatitis B core protein, 183 amino acids. Does not contain a fusion partner. Major immunospecific band migrating between 20-25 kDa (approximately 19kDa) and produced in <i>Pichia pastoris</i> .
Add. Information:	Internal Thread Vial. Centrifuge Product Before Opening!!
Storage:	Aliquot and store at < -65°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed when handling this product.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



## **Pictures:**



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