

# ALB Protein Crystal

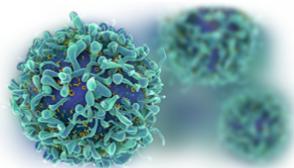
**Catalog: CBCRY36**

## PRODUCT INFORMATION

<b>Name</b>	ALB Protein Crystal
<b>Cat No.</b>	CBCRY36
<b>Fragment</b>	Full length
<b>Protein Description</b>	Serum Albumin
<b>Background</b>	3'-Azido-3'-deoxythymidine (AZT) is the first clinically effective drug for the treatment of human immunodeficiency virus infection. The drug interaction with human serum albumin (HSA) has been an important component in understanding its mechanism of action, especially in drug distribution and in drug-drug interaction on HSA in the case of multi-drug therapy.
<b>Protein Classification</b>	Lipid binding protein
<b>Structure Weight</b>	68485.53 Da
<b>Method</b>	X-Ray Diffraction
<b>Resolution</b>	2.70Å
<b>Ligand Chemical Component</b>	AZZ; Myristic acid; 2-hydroxybenzoic acid
<b>Reference</b>	Zhu, L., Yang, F., Chen, L., Meehan, E.J., Huang, M. (2008) A new drug binding subsite on human serum albumin and drug-drug interaction studied by X-ray crystallography J.Struct.Biol. 162: 40-49

## USAGE GUIDELINES

<b>General</b>	Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.
<b>Storage</b>	Short term: +2°C to +8°C Long term: -80°C
<b>Stability</b>	n.a.



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**Freezing**

Can be frozen, but avoid multiple freeze/thaw cycles.

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