



USP7 Protein Crystal

Catalog: CBCRY35

PRODUCT INFORMATION

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| Name | USP7 Protein Crystal |
| Cat No. | CBCRY35 |
| Fragment | Residues 43-560 |
| Protein Description | Ubiquitin Carboxyl-terminal Hydrolase 7 |
| Background | Herpesvirus-associated ubiquitin-specific protease (HAUSP, also known as USP7), a deubiquitylating enzyme of the ubiquitin-specific processing protease family, specifically deubiquitylates both p53 and MDM2, hence playing an important yet enigmatic role in the p53-MDM2 pathway. |
| Protein Classification | Hydrolase |
| Structure Weight | 121067.00 Da |
| Method | X-Ray Diffraction |
| Resolution | 3.2Å |
| Reference | Hu, M., Gu, L., Li, M., Jeffrey, P.D., Gu, W., Shi, Y. (2006) Structural Basis of Competitive Recognition of p53 and MDM2 by HAUSP/USP7: Implications for the Regulation of the p53-MDM2 Pathway. Plos Biol. 4: e27-e27 |

USAGE GUIDELINES

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| General | Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation. |
| Storage | Short term: +2°C to +8°C Long term: -80°C |
| Stability | n.a. |
| Freezing | Can be frozen, but avoid multiple freeze/thaw cycles. |

