

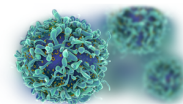
USP7 Protein Crystal

Catalog: CBCRY35

PRODUCT INFORMATION

Product Name	USP7 Protein Crystal
Catalog Number	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
PDBID	2F1Z
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
cDNALength	1566

USAGE GUIDELINES



General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.