



MAD2 Protein Crystal

Catalog: CBCRY02

PRODUCT INFORMATION

Product Name	MAD2 Protein Crystal
Catalog Number	CBCRY02
Fragment	Full length
Protein Description	Mitotic arrest deficient 2
Background	MAD2 (mitotic arrest deficient 2) is one of the kinetochore protein present on the chromosome during cell division. It is involved in making sure all chromosomes are attached to the mitotic spindle before the beginning of anaphase.
Protein Classification	Cell Cycle
Structure Weight	288687.00 Da
PDBID	2VFX
Method	X-Ray Diffraction
Resolution	1.95 Å
Ligand Chemical Component	Chloride ion, Magnesium ion, PE3, PE4, PEG
Reference	Yang, M., Li, B., Liu, C.-J., Tomchick, D.R., Machius, M., Rizo, J., Yu, H., Luo, X. (2008) Insights Into MAD2 Regulation in the Spindle Checkpoint Revealed by the Crystal Structure of the Symmetric MAD2 Dimer. Plos Biol. 6: E50



cDNA Length	618
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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.