

Mitotic arrest deficient 2

Cat. No. CBCRY02 Lot. No. (See product label)

SPECIFICATION

Product Overview

Source	E.coli
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
Polymer	1
Molecule	Mitotic Spindle assembly checkpoint protein MAD2A
Chain Length	206 amino acids
PDB ID	2VFX
MMDB ID	63130
Method	X-Ray Diffraction
Resolution	1.95 Å

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Ligand Chemical Component	Chloride ion, Magnesium ion, PE3, PE4, PEG
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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
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GENE INFORMATION

Gene Name	MAD2L1
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Synonyms	HSMAD2; MAD2; MAD2 (mitotic arrest deficient, yeast, homolog)-like 1; MAD2-like 1; MAD2-like protein 1; mitotic arrest deficient, yeast, homolog-like 1
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UniProt ID	Q13257
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Gene ID	4085
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Chromosome Location	4q27
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Function	protein binding
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