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### Recombinant human MAD2L1 protein

Catalog Number: ATGP1216

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-205aa

#### UniProt No.

013257

#### **NCBI Accession No.**

NP 002349

#### **Alternative Names**

MAD2L1-binding protein, HSMAD2, MAD2

#### PRODUCT SPECIFICATION

#### **Molecular Weight**

25.7 kDa (225aa) confirmed by MALDI-TOF

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

MAD2L1, also known as MAD2L1-binding protein, is a component of the mitotic spindle assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. Recombinant human MAD2L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

#### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MALOLSREOG ITLRGSAEIV AEFFSFGINS ILYORGIYPS ETFTRVOKYG LTLLVTTDLE



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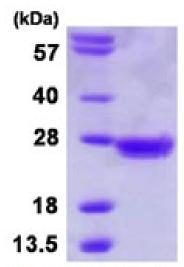
LIKYLNNVVE QLKDWLYKCS VQKLVVVISN IESGEVLERW QFDIECDKTA KDDSAPREKS QKAIQDEIRS VIRQITATVT FLPLLEVSCS FDLLIYTDKD LVVPEKWEES GPQFITNSEE VRLRSFTTTI HKVNSMVAYK IPVND

#### **General References**

Habu T., et al. (2002) EMBO J. 21:6419-6428 Matsuoka S., et al. (2007) Science. 316:1160-1166

#### **DATA**





15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

