9051 Mira Mesa Blvd, #910094
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MAD2L1BP Human

MAD2L1 Binding Protein Human Recombinant
RCP1295

Product Overview

Name	MAD2L1BP Human
Description	
MAD2L1 Binding Protein Human Recombinant	
Accession (Primary)	Q15013
Synonyms	
MAD2L1-binding protein, Caught by MAD2 protein, MAD2L1BP, CMT2, KIAA0110, RP1-261G23.6.	
Introduction	
MAD2L1-binding protein (MAD2L1BP) is a member of the MAD2L1BP family. MAD2L1BP is a binding protein of the MAD2 mitotic arrest deficient-like 1 (MAD2/MAD2L1). MAD2 is a fundamental factor of the spindle checkpoint which delays the onset of anaphase until all the kinetochores are connected to the spindle. The MAD2L1BP protein acts to curb the spindle checkpoint and allow mitosis to proceed through anaphase by binding MAD2L1 once it dissociated from the MAD2L1-CDC20 complex. For the duration of the cell cycle, MAD2L1BP levels increase and then remain constant until late mitosis after which they drop.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
MAD2L1BP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MAAPEA EVLSSAAVPD LEWYEKSEET HASQIELLET SSTQEPLNAS EAFCPRDCMV PVVFPGPVSQ EGCCQFTCEL LKHIMYQRQQ LPLPYEQLKH FYRKPSPQAE EMLKKKPRAT	

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TEVSSRKCQQ ALAELESVLS HLEDFFARTL VPRVLILLGG NALSPKEFYE LDLSLLAPYS VDQSLSTAAC LRRLFRAIFM ADAFSELQAP PLMGTVVMAQ GHRNCGEDWF RPKLNYRVPS RGHKLTVTLS CGRPSIRTTA WEDYIWFQAP VTFKGFRE.

Precautions

MAD2L1BP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15013)