
Product Data Sheet

Product Name: MAD2L1BP Human
 Cat. No.: GP23860
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MAD2L1-binding protein; Caught by MAD2 protein; MAD2L1BP; CMT2; KIAA0110; RP1-261G23.6.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHEMAPEA EVLSSAAVPD LEWYEKSEET HASQIELLET SSTQEPLNAS EAF CPRDCMV PVVFP GPVSQ EGCCQFTCEL LKHIMYQRQQ LPLPYEQLKH FYRKPSPQAE EMLKKKPRAT TEVSSRKCQQ ALAELESVLS HLEDFFARTL VPRVLILLGGNALS PKEFYE LDLSLLAPYS VDQSLSTAAC LRRLFRAIFM ADAFSELQAP PLMGTVVMAQ GHRNCGEDWF RPKLNYRVPS RGHKLTVTLS CGRPSIRTTA WEDIWVFQAP VTFKGFRE.		
Formulation	MAD2L1BP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.		

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.

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

MAD2L1BP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 298 amino acids (1-274 a.a) and having a molecular mass of 33.6kDa (Molecular weight on SDS-PAGE will appear higher).MAD2L1BP is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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