

32-4149: Recombinant Human MAD2L1 Binding Protein

Alternative Name : MAD2L1-binding protein,Caught by MAD2 protein,MAD2L1BP,CMT2,KIAA0110,RP1-261G23.6.

Description

Source : Escherichia Coli. 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. 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.

Product Info

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| Amount : | 10 µg |
| Purification : | Greater than 90.0% as determined by SDS-PAGE. |
| Content : | MAD2L1BP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSHEMAPEA EVLSSAAVPD LEWYEKSEET HASQIELLET SSTQEPLNAS EAFCDRCMV PVVFPGPVSQ EGCCQFTCEL LKHIMYQRQQ LPLPYEQLKH FYRKPSQAE EMLKKKPRAT TEVSSRKCOQ ALAELESVLS HLEDFARTL VPRVLILLGGNALSPKEFYE LDLSLLAPYS VDQSLSTAAC LRRLFRAIFM ADAFSELQAP PLMGTVVMAQ GHRNCGEDWF RPKLNRYVPS RGHKLTVTLT CGRPSIRTTA WEDYIWFQAP VTFKGFRE. |

