

## 32-4148: Recombinant Human MAD2 Mitotic Arrest Deficient-Like 1

**Alternative Name :** Mitotic spindle assembly checkpoint protein MAD2A,HsMAD2,Mitotic arrest deficient 2-like protein 1,MAD2-like protein 1,MAD2L1,MAD2.

### Description

Source : Escherichia Coli. MAD2L1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-205 a.a.) and having a molecular mass of 25.7kDa.MAD2L1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. MAD2L1-binding protein (MAD2L1) 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. MAD2L1 is vital for the execution of the mitotic checkpoint which monitors the process of kinetochore-spindle attachment and inhibits the activity of the anaphase promoting complex by sequestering CDC20 until all chromosomes are aligned at the metaphase plate.

### Product Info

**Amount :** 5 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** MAD2L1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.  
**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 MALQLSREQG ITLRGS AEIV AEFFSFGINS ILYQRGIYPS ETFTRVQKYG LTLVTTDLE LIKYLNNVVE QLKDWLYKCS VQKLVVVISN IESGEVLERW QFDIECDKTA KDDSAPREKS QKAIQDEIRS VIRQITATVT FLPLLEVSCS FDLIIYTDKD LVVPEKWEES GPQFITNSEE VRLRSFTTTI HKVNSMVAYK IPVND.

