

## Product datasheet for TP322718

### MAD1 (MAD1L1) (NM\_001013836) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human MAD1 mitotic arrest deficient-like 1 (yeast) (MAD1L1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222718 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEDLGENTMVLSTLRSLNMFISQRVEGGSGLDISTSAPGSLQMYYQQSMQLEERAEQIRSKSHLIQVERE  
KMQMELSHKRARVELERAASTSARNYEREVDNRNQLLRLTRIRQLQEREAGAEKMQEQLERNRQCQQNLD  
A  
ASKRLREKEDSLAQAGETINALKGRISELQWSVMDQEMRVKRESEKQELQEQLDLQHKKCQEANQKIQE  
LQASQEARADHEQQIKDLEQLSLQEQDAAIVKNMKSELVRLPRLERELKQLREESAHLREMRETNGLLQ  
EELEGLQRKLGRQEKMQETLVGLELENERLLAKLQSWERLDQTMGLSIRTPEDLSRFVVELQQRELAKD  
KNSAVTSSARGLEKARQQLEELRQVSGQLLEERKKRETHEALARRLQKRVLLLTKERDGMRAILGYSYDS  
ELTPAEYSPQLTRRMREAEDMVQKVHSHSAEMEAQLSQALEELGGQKQRADMLEMELKMLKSQSSSAE  
QS  
FLFSREEADTLRLKVEELEGERSRLEEEKRMLEAQLERRALQGDYDQSRTKVLHMSLNPTSVARQRLRED  
HSQLQAECERLRGLLRAMERGGTVPADLEAAAASLPSSKEVAELKKQVESAEKLNQRLKEVFQTKIQEFR  
KACYTLTGQIDITTENQYRLTSLYAEHPGDCLIFKATSPSGSKMQLLETFSHTVGEIEVHLRRQDSI  
PAFLSSLTLELFSRQTVA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	82.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001013858](#)

**Locus ID:** 8379

**UniProt ID:** [Q9Y6D9](#)

**RefSeq Size:** 2717

**Cytogenetics:** 7p22.3

**RefSeq ORF:** 2154

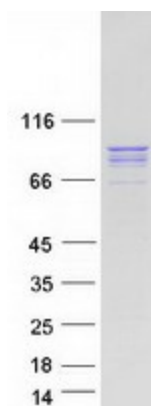
**Synonyms:** MAD1; PIG9; TP53I9; TXBP181

**Summary:** MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of anaphase until all chromosome are properly aligned at the metaphase plate. MAD1L1 functions as a homodimer and interacts with MAD2L1. MAD1L1 may play a role in cell cycle control and tumor suppression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

**Protein Families:** Druggable Genome

**Protein Pathways:** Cell cycle

### Product images:



Coomassie blue staining of purified MAD1L1 protein (Cat# TP322718). The protein was produced from HEK293T cells transfected with MAD1L1 cDNA clone (Cat# [RC222718]) using MegaTran 2.0 (Cat# [TT210002]).