

OriGene Technologies, Inc.

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Product datasheet for TP303273

MAD2 (MAD2L1) (NM_002358) Human Recombinant Protein

Product data:

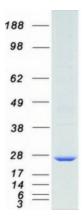
Nescription:Recombinant protein of human MAD2 mitotic arrest deficient-like 1 (yeast) (MAD2L1), 20 µgSpecies:HumanExpression Host:HEK293TExpression cDNA Clow or AA Sequence: Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)MALQLSREQGITLRGSAEIVAEFFSFGINSILYQRGIYPSETFTRVQKYGLTLLVTTDLELIKYLNNVE QLKDWLYKCSVQKLVWISNIESGEVLERWQFDIECDKTAKDDSAPREKSQKAIQDEIRSVIRQITATVT ELPLLEVSCSFDLLITDKDLVVPEKWEESGPQFITNSEEVRLRSFTTTIHKVNSMVAYKIPVNDTag:C-Myc/DDKPredicted MW:3.3 kDaOncentration:0.05 µg/µL as determined by microplate BCA methodPurity:Som a determined by SDS-PAGE and Coomassie blue stainingBuffer:0.50 mJ rris-HCI 100 mJ glycine, pH 7.3 10% glycerolPreparation:Cretuing incell culture applications, please filter before use. Note that you may experience onventional chromatography steps.Note:Stability:Stability Gli 100 mJ glycine, pH 7.3 10% glycerolFarsen:Note as dot for 20 months from the date of receipt of the product under proper storage and anding conditions. Avoid repeated freeze-thaw cycles.Refser:No 20349Locus ID:MP 203249Locus ID:MP 203249Lorus ID:MP 203249Locus ID:MP	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA ClossRC203273 protein sequence Rc201273 protein sequence Rc201277777777777777777777777777777777777	Description:	Recombinant protein of human MAD2 mitotic arrest deficient-like 1 (yeast) (MAD2L1), 20 μg
Presession cDNA CloomR2C303273 protein sequence Red=Cloning site Green=Tags(s)MALQLSREQGITLRGSAEIVAEFFSFGINSILYQRGIYPSETFTRVQKYGLTLLYTDLELIKYLNNVE CLUEVSCSQLLVYVISNIESGEVLERWQFDIECDKTAKDDSAPREKSQKAIQDEIRSVIRQITATVT ELPLLEVSCSFDLLIYTDKDLVVPEKWEESGPQFITNSEEVRLRSFTTTIHKVNSMVAYKIPVNDTag:MALQLSREQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:3.3 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.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:Kote 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:MP-002349Locus ID:013257	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MALQLSREQGITLRGSAEIVAEFFSFGINSILYQRGIYPSETFTRVQKYGLTLLVTTDLELIKYLNNVVE GLKDWLYKCSVQKLVVVISNIESGEVLERWQFDIECDKTAKDDSAPREKSQKAIQDEIRSVIRQITATVT FLPLLEVSCSPDLLIYTDKDLVVPEKWEESGPQFITNSEEVRLRSFTTTIHKVNSMVAYKIPVNDTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:23.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage: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:MP 002349Locus ID:Q13257	Expression Host:	HEK293T
QLKDWLYKCSVQKLVVVISNIESGEVLERWQFDIECDKTAKDDSAPREKSQKAIQDEIRSVIRQITATVT FLPLLEVSCSFDLLIYTDKDLVVPEKWEESGPQFITNSEEVRLRSFTTTIHKVNSMVAYKIPVNDTag:CMyc/DDKTag:C-Myc/DDKPredicted MW:23.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:S0m Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.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 002349Locus ID:Q13257	•	
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Locus ID: 4085 UniProt ID: Q13257	Stability:	
UniProt ID: <u>Q13257</u>	RefSeq:	<u>NP 002349</u>
	Locus ID:	4085
RefSeq Size: 1453	UniProt ID:	<u>Q13257</u>
	RefSeq Size:	1453



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	MAD2 (MAD2L1) (NM_002358) Human Recombinant Protein – TP303273
Cytogenetics:	4q27
RefSeq ORF:	615
Synonyms:	HSMAD2; MAD2
Summary:	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 related to the MAD2L2 gene located on chromosome 1. A MAD2 pseudogene has been mapped to chromosome 14. [provided by RefSeq, Jul 2008]
Protein Families	: Druggable Genome
Protein Pathway	/s: Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation

Product images:



Coomassie blue staining of purified MAD2L1 protein (Cat# TP303273). The protein was produced from HEK293T cells transfected with MAD2L1 cDNA clone (Cat# [RC203273]) using MegaTran 2.0 (Cat# [TT210002]).

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