

Recombinant Mouse Mad111 Protein, Myc/DDK-tagged

Cat. No. Mad111-3894M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MAD1 mitotic arrest deficient 1-like 1 (Mad111), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the spindle-assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. Forms a heterotetrameric complex with the closed conformation form of MAD2L1 (C-MAD2) at unattached kinetochores during prometaphase, recruits an open conformation of MAD2L1 (O-MAD2) and promotes the conversion of O-MAD2 to C-MAD2, which ensures mitotic checkpoint signaling.
Molecular Mass	83.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Mad1l1 MAD1 mitotic arrest deficient 1-like 1 [*Mus musculus* (house mouse)]

Official Symbol Mad1l1

Synonyms MAD1L1; MAD1 mitotic arrest deficient 1-like 1; mitotic spindle assembly checkpoint protein MAD1; MAD1-like protein 1; mitotic arrest deficient 1-like 1; mitotic arrest deficient 1-like protein 1; Mad1; AI173502; AW550425

Gene ID 17120

mRNA Refseq NM_010752

Protein Refseq NP_034882

UniProt ID Q9WTX8

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