

Recombinant Mouse Cenpm Protein, Myc/DDK-tagged

Cat. No. Cenpm-2106M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length centromere protein M (Cenpm), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a protein that is present in the nucleus of actively growing cells but is excluded from the nucleus during cell division or during growth arrest as a result of contact inhibition. In human, this protein is a component of the CENP-A nucleosome-associated complex that regulates kinetochore protein assembly, mitotic cell-cycle progression, and chromosome segregation. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	20.2 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 Cenpm centromere protein M [*Mus musculus* (house mouse)]

Official Symbol Cenpm

Synonyms CENPM; centromere protein M; CENP-M; proliferation associated nuclear element 1; proliferation-associated nuclear element protein 1; Pane1; AI853711; 2610019I03Rik

Gene ID 66570

mRNA Refseq NM_001080158

Protein Refseq NP_001073627

UniProt ID Q9CQA0

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