

Recombinant Mouse Mis12 Protein, Myc/DDK-tagged

Cat. No. Mis12-4079M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MIS12 kinetochore complex component (Mis12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis. Essential for proper kinetochore microtubule attachments.
Molecular Mass	24.6 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Mis12 MIS12 kinetochore complex component [<i>Mus musculus</i> (house mouse)]
Official Symbol	Mis12
Synonyms	MIS12; MIS12 homolog (yeast); protein MIS12 homolog; Misc12; AU044651; RP23-83I13.9; 2510025F08Rik
Gene ID	67139
mRNA Refseq	NM_025993
Protein Refseq	NP_080269
UniProt ID	Q9CY25

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