Recombinant Mouse Mrnip Protein, Myc/DDK-tagged

Cat. No. Mrnip-4144M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MRN complex interacting protein (Mrnip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the cellular response to DNA damage and the maintenance of genome stability through its association with the MRN damage-sensing complex. Promotes chromatin loading and activity of the MRN complex to facilitate subsequent ATM-mediated DNA damage response signaling and DNA repair.
Molecular Mass	36.9 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.

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GENE INFORMATION

Gene Name	Mrnip MRN complex interacting protein [Mus musculus (house mouse)]
Official Symbol	Mrnip
Synonyms	Mrnip; MRN complex interacting protein; AI851514; AW475975; 2900016G09Rik; 3010026O09Rik; MRN complex-interacting protein; MRN-interacting protein; UPF0544 protein C5orf45 homolog
Gene ID	68067
mRNA Refseq	NM_026543
Protein Refseq	NP_080819
UniProt ID	Q9D1F5

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