

Recombinant Human MRNIP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MRNIP-4642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C5orf45 MS Standard C13 and N15-labeled recombinant protein (NP_057259) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	37.6 kDa
AA Sequence	MASLQRSRVLRCCSCRLFQAHQVKKSVKWTCKACGEKQSFLQAYGEGSGADCRR HVQKLNLLQGQVSELPLRSLEETVSASEEENVGHQQAGNVKQQEKSQPSESRLWK YLEKDSQELELEGTGVCFSKQPSSKMEEPGPRFSQDLPRKRKWSGSTVQPPCSR VQDSGGSEVAWGPQKGQAGLTWKVKQGSSPCLQENSADCSAGELRGPGLKELWS PIQQVTATSSKWAQFVLPKRKSSHVDSEQPRSLQRDPRPAGPAQAKQGTTPRAQAS REGLSRPTAAVQLPRATHPVTSGERPCGKTSWDARTPWAEGGPLVLEAQNPRPT RLCDLFITGEDFDDDVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

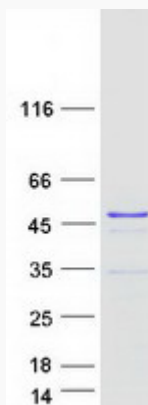
GENE INFORMATION

Gene Name	MRNIP MRN complex interacting protein [Homo sapiens (human)]
Official Symbol	MRNIP
Synonyms	MRNIP; MRN complex interacting protein; C5orf45; MRN complex-interacting protein; MRN-interacting protein; UPF0544 protein C5orf45
Gene ID	51149
mRNA Refseq	NM_016175
Protein Refseq	NP_057259
MIM	617154
UniProt ID	Q6NTE8

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SDS-PAGE

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