

Product datasheet for TP504977

Mrnip (NM_026543) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MRN complex interacting protein (Mrnip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204977 protein sequence Red =Cloning site Green =Tags(s)
	MAPAQQSRVLRCCSCHIFQAHQVKKSLKWTCKACGEKQSFVFRAYGEGSGADCRRHVQKLNLLQGQVSELS LRSVEEAVNGSEENAGPLQAEAGSQQAPSKPLESRWLKYLDKGCEDQELDRGRPALKTQLSTSAERPSS PAQPRKRKWNQRTGQPAHSLHGQGVSVDNFEHQDSTGLFGTEQQGTSPALSTANHTRELGFPRWKLPS PVTQVNAPSSKWARFLLAPGNSPQVDEKPSPLQEATMLADLAQGTVENKTPVEGHFSRAPAIRPPQAIHT TTPQLDRPDRKTREQPRDMGTPRADGRPLAQTGQKAPPLQLHNLFTTGEDFDDDL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_080819
Locus ID:	68067
UniProt ID:	Q9D1F5



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RefSeq Size: 1168

Cytogenetics: 11 B1.3

RefSeq ORF: 1008

Synonyms: 2900016G09Rik; 3010026O09Rik; AI851514; AW475975

Summary: 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.[UniProtKB/Swiss-Prot Function]