

## Product datasheet for TP512438

### Nap114 (NM\_008672) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nucleosome assembly protein 1-like 4 (Nap114), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212438 representing NM_008672 Red=Cloning site Green=Tags(s)

MAENSLSDGGPADSVEAAKNASNTEKLTQVMQNPQVLAALQERLDNVSHTPSSYIETLPKAVKRRINAL  
KQLQVRCALIEAKFYEEVHDLERKYAALYQPLFDKRREFITGDVEPTDAESAWHSENEEEDKLAGDMKNK  
VIAEKEAATVEELNPKGIPEFWFTIFRNVDMSELVQYDEPILKHLQDIKVKFSDPGQPMFVLEFHF  
EPNDYFTNPVLTkTYKMKSEPKADPFSEFEGPEIVDCDGCTIDWKKGNVTVKTIKKKQKHKGRGTVRTI  
TKQVPNESFFNFFSPLKASGDGESLDESEFTLASDFEIGHFFRERIVPRAVLYFTGEAIEDDDNFEEGE  
EGEEEELEGDEEGEDEDDADVNPKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	42.7 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:	<a href="#">NP_032698</a>
Locus ID:	17955
UniProt ID:	<a href="#">Q78ZAZ</a> , <a href="#">A2RSB1</a>



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RefSeq Size:	2335
Cytogenetics:	7 88.24 cM
RefSeq ORF:	1125
Synonyms:	2810410H14Rik; AI316776; D7Wsu30e; Nap2
Summary:	Acts as histone chaperone in nucleosome assembly (PubMed:28366643). In condensing spermatids, mediates the loading of the heterodimer composed of histones H2AFB1 and HIST1H2BA/TH2B onto the nucleosomes, thereby promoting the replacement of histones to protamine in male germ cells (PubMed:28366643).[UniProtKB/Swiss-Prot Function]