

Recombinant Mouse Nap1l4 Protein, Myc/DDK-tagged

Cat. No. Nap1l4-4290M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nucleosome assembly protein 1-like 4 (Nap1l4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as histone chaperone in nucleosome assembly. In condensing spermatids, mediates the loading of the heterodimer composed of histones H2AB1 and H2BC1/TH2B onto the nucleosomes, thereby promoting the replacement of histones to protamine in male germ cells.
Molecular Mass	42.7 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Nap1l4 nucleosome assembly protein 1-like 4 [Mus musculus (house mouse)]
Official Symbol	Nap1l4
Synonyms	NAP1L4; nucleosome assembly protein 1-like 4; nucleosome assembly protein 1 like 4; Nap2; AI316776; D7Wsu30e; 2810410H14Rik
Gene ID	17955
mRNA Refseq	NM_008672
Protein Refseq	NP_032698
UniProt ID	Q78ZA7

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