

Recombinant Mouse Septin4 Protein, Myc/DDK-tagged

Cat. No. Septin4-5771M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length septin 4 (cDNA clone MGC:58272 IMAGE:6591016), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Filament-forming cytoskeletal GTPase. Forms a filamentous structure with SEPTIN12, SEPTIN6, SEPTIN2 and probably SEPTIN4 at the sperm annulus which is required for the structural integrity and motility of the sperm tail during postmeiotic differentiation. May play a role in cytokinesis (Potential). May play a role in platelet secretion.
Molecular Mass	61.6 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

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Septin4 septin 4 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Septin4](#)

Synonyms Septin4; septin 4; A; Bh5; Pnu; Sep; ARTS; Sept4; Pnutl2; septin-4; M-Septin; brain protein H5; cell division control-related protein 2b; peanut-like 2 homolog; peanut-like protein 2; septin H5

Gene ID [18952](#)

mRNA Refseq [NM_011129](#)

Protein Refseq [NP_035259](#)

UniProt ID [P28661](#)

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