

Recombinant Mouse Nek7 Protein, Myc/DDK-tagged

Cat. No. Nek7-4369M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NIMA (never in mitosis gene a)-related expressed kinase 7 (Nek7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein kinase which plays an important role in mitotic cell cycle progression. Required for microtubule nucleation activity of the centrosome, robust mitotic spindle formation and cytokinesis. Phosphorylates RPS6KB1.
Molecular Mass	34.5 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.

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GENE INFORMATION

Gene Name	Nek7 NIMA (never in mitosis gene a)-related expressed kinase 7 [Mus musculus (house mouse)]
Official Symbol	Nek7
Synonyms	NEK7; NIMA (never in mitosis gene a)-related expressed kinase 7; serine/threonine-protein kinase Nek7; NIMA-related kinase 7; nimA-related protein kinase 7; NIMA-related expressed kinase 7; never in mitosis A-related kinase 7; AU020186; 2810460C19Rik
Gene ID	59125
mRNA Refseq	NM_021605
Protein Refseq	NP_067618
UniProt ID	Q9ES74

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