

## Recombinant Mouse Nek7 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	34.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Nek7 NIMA (never in mitosis gene a)-related expressed kinase 7 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Nek7
<b>Synonyms</b>	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
<b>Gene ID</b>	59125
<b>mRNA Refseq</b>	NM_021605
<b>Protein Refseq</b>	NP_067618
<b>UniProt ID</b>	Q9ES74

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