

Recombinant Mouse Nek11 Protein, Myc/DDK-tagged

Cat. No. Nek11-4367M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NIMA (never in mitosis gene a)-related expressed kinase 11 (Nek11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein kinase which plays an important role in the G2/M checkpoint response to DNA damage. Controls degradation of CDC25A by directly phosphorylating it on residues whose phosphorylation is required for BTRC-mediated polyubiquitination and degradation.
Molecular Mass	72.1 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	Nek11 NIMA (never in mitosis gene a)-related expressed kinase 11 [Mus musculus (house mouse)]
Official Symbol	Nek11
Synonyms	NEK11; NIMA (never in mitosis gene a)-related expressed kinase 11; serine/threonine-protein kinase Nek11; NIMA-related kinase 11; nimA-related protein kinase 11; never in mitosis A-related kinase 11; 4932416N14Rik
Gene ID	208583
mRNA Refseq	NM_172461
Protein Refseq	NP_766049
UniProt ID	Q8C0Q4

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