

Recombinant Human NEK9 Protein (S2-L979), GST tagged

Cat. No. NEK9-0835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-TEV-GG-NEK9(S2-L979 end) (ΔT346-K731) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	S2-L979
Description	Pleiotropic regulator of mitotic progression, participating in the control of spindle dynamics and chromosome separation. Phosphorylates different histones, myelin basic protein, beta-casein, and BICD2. Phosphorylates histone H3 on serine and threonine residues and beta-casein on serine residues. Important for G1/S transition and S phase progression. Phosphorylates NEK6 and NEK7 and stimulates their activity by releasing the autoinhibitory functions of Tyr-108 and Tyr-97 respectively.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	NEK9 NIMA (never in mitosis gene a)- related kinase 9 [Homo sapiens (human)]
Official Symbol	NEK9
Synonyms	NEK9; NIMA (never in mitosis gene a)- related kinase 9; serine/threonine-protein kinase Nek9; DKFZp434D0935; MGC16714; Nek8; NERCC; nercc1 kinase; nimA-related kinase 8; NIMA-related kinase Nek8; nimA-related protein kinase 9; never in mitosis A-related kinase 9; NERCC1; MGC138306;
Gene ID	91754
mRNA Refseq	NM_033116
Protein Refseq	NP_149107
MIM	609798
UniProt ID	Q8TD19

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