Active Recombinant Human NEK11, GST-tagged

Cat. No. NEK11-1063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human NEK11 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	Full Length
Description	This gene encodes a member of the never in mitosis gene A family of kinases. The encoded protein localizes to the nucleoli, and may function with NEK2A in the S-phase checkpoint. The encoded protein appears to play roles in DNA replication and response to genotoxic stress. Alternatively spliced transcript variants have been described.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Bio-activity	25 nmol/min/mg
Molecular Mass	~110 kDa
Purity	>90%
Applications	Kinase Assay; Western Blot

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

Stability	1 yr at -70oC from date of shipment.
Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul

GENE INFORMATION

Gene Name	NEK11?NIMA-related kinase 11 [?Homo sapiens?(human)]
Official Symbol	NEK11
Synonyms	NEK11; NIMA-related kinase 11; serine/threonine-protein kinase Nek11; NIMA (never in mitosis gene a)- related kinase 11; NP_001139475.1; EC 2.7.11.1; NP_079076.3; NP_665917.1
Gene ID	79858
mRNA Refseq	NM_024800
Protein Refseq	NP_079076
MIM	609779
UniProt ID	Q8NG66
Chromosome Location	3q22.1
Function	ATP binding; metal ion binding; protein serine/threonine kinase activity

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