

## Active Recombinant Human NEK11, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full-length human NEK11 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	Full Length
<b>Description</b>	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.
<b>Form</b>	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.
<b>Bio-activity</b>	25 nmol/min/mg
<b>Molecular Mass</b>	~110 kDa
<b>Purity</b>	>90%
<b>Applications</b>	Kinase Assay; Western Blot

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	1 yr at -70oC from date of shipment.
<b>Storage</b>	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.
<b>Concentration</b>	0.1 ug/ul
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	NEK11?NIMA-related kinase 11 [?Homo sapiens?(human) ]
<b>Official Symbol</b>	NEK11
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">79858</a>
<b>mRNA Refseq</b>	<a href="#">NM_024800</a>
<b>Protein Refseq</b>	<a href="#">NP_079076</a>
<b>MIM</b>	<a href="#">609779</a>
<b>UniProt ID</b>	<a href="#">Q8NG66</a>
<b>Chromosome Location</b>	3q22.1
<b>Function</b>	ATP binding; metal ion binding; protein serine/threonine kinase activity

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