

## Recombinant Human NEK2, GST-tagged

Cat. No. NEK2-1258H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NEK2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-362aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	NEK2 NIMA (never in mitosis gene a)-related kinase 2 [ Homo sapiens ]
<b>Official Symbol</b>	NEK2
<b>Synonyms</b>	NEK2; NIMA (never in mitosis gene a)-related kinase 2; serine/threonine-protein kinase Nek2; HsPK 21; NEK2A; NLK1; nimA-like protein kinase 1; nimA-related protein kinase 2; HsPK21;

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<b>Gene ID</b>	4751
<b>mRNA Refseq</b>	NM_001204182
<b>Protein Refseq</b>	NP_001191111
<b>MIM</b>	604043
<b>UniProt ID</b>	P51955
<b>Chromosome Location</b>	1q32-q42
<b>Pathway</b>	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; FOXM1 transcription factor network, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Loss of Nlp from mitotic centrosomes, organism-specific biosystem; Loss of proteins required for interphase microtubule organization??from the centrosome, organism-specific biosystem;
<b>Function</b>	ATP binding; metal ion binding; nucleotide binding; protein binding; protein kinase activity; protein phosphatase binding; protein serine/threonine kinase activity;

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