

Recombinant Human NEK2, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	NEK2 NIMA (never in mitosis gene a)-related kinase 2 [Homo sapiens]
Official Symbol	NEK2
Synonyms	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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Gene ID	4751
mRNA Refseq	NM_001204182
Protein Refseq	NP_001191111
MIM	604043
UniProt ID	P51955
Chromosome Location	1q32-q42
Pathway	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;
Function	ATP binding; metal ion binding; nucleotide binding; protein binding; protein kinase activity; protein phosphatase binding; protein serine/threonine kinase activity;