

Active Recombinant Full Length Human NEK2 Protein

Cat. No. NEK2-2744HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human NEK2 [1-445(end) amino acids of accession number NP_002488.1] was expressed as N-terminal His-tagged protein (55 kDa) using baculovirus expression system. His-tagged NEK2 was purified by using Ni-NTA affinity chromatography. Purified His-NEK2 was digested by recombinant His-TEV protease, and His-tag free NEK2 (ca. 52 kDa) was collected as flow-through fraction from Ni-NTA affinity chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-445
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.
Purity	73%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name NIMA (never in mitosis gene a)-related kinase 2

Official Symbol NEK2

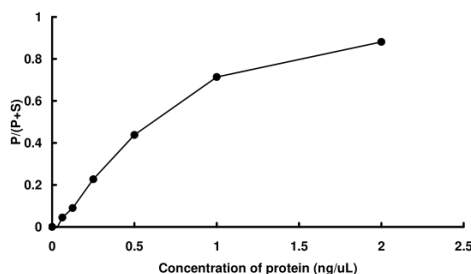
Synonyms NEK2;HsPK21;NEK2A;NLK1;PPP1R111;RP67

Protein Refseq [NP_002488.1](#)

UniProt ID [P51955](#)

Activity data

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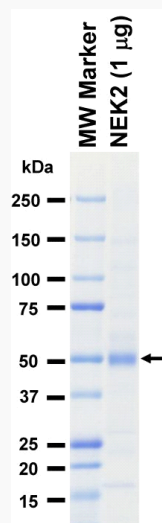
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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