Active Recombinant Full Length Human NEK4 Protein, GST-tagged

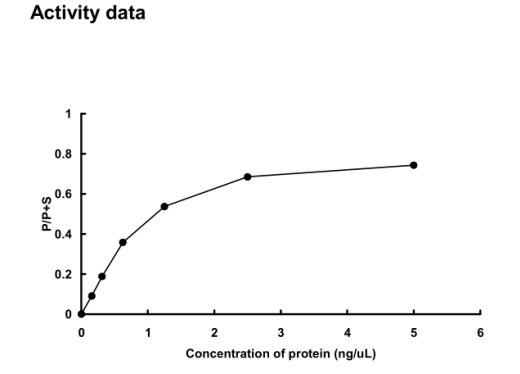
Cat. No. NEK4-7493HF **Lot. No.** (See product label)

SPECIFICATION

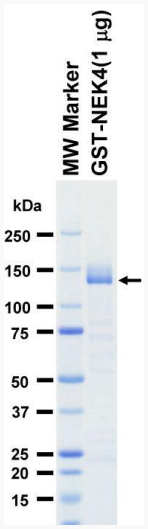
Product Overview	Full-length human NEK4 [1-841(end) amino acids of accession number NP_003148.2] was expressed as N-terminal GST-fusion protein (122 kDa) using baculovirus expression system. GST-NEK4 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-841
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. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	84%
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 4
Official Symbol	NEK4
Synonyms	NEK4;NRK2;STK2;pp12301
Protein Refseq	NP_003148.2
UniProt ID	P51957
Activity data	 The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.

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

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