

Recombinant Human NEK1 protein, His-tagged

Cat. No. NEK1-3124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEK1 protein(557-740 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	557-740 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	KRKEAYEREKKVWEEHLVAKGVKSSDVSPPLGQHETGGSPSKQQMRSVISVTSAL KEVGVDSSLTDTRETSEEMQKTNNAISSKREILRRLNENLKAQEDEKKGKQNLSDTFE INVHEDAKEHEKEKSVSSDRKKWEAGGQLVIPLDELTLDTSFSTTERHTVGEVIKLGP NGSPRRAWGKSPTD
Purity	98%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

NEK1 NIMA (never in mitosis gene a)-related kinase 1 [Homo sapiens]

Official Symbol

NEK1

Synonyms

NEK1; NIMA (never in mitosis gene a)-related kinase 1; serine/threonine-protein kinase Nek1; KIAA1901; NY REN 55; nimA-related protein kinase 1; protein-serine/threonine kinase; renal carcinoma antigen NY-REN-55; never in mitosis A-related kinase 1; SRPS2; NY-REN-55; MGC138800; DKFZp686D06121; DKFZp686K12169;

Gene ID

4750

mRNA Refseq

NM_001199397

Protein Refseq

NP_001186326

MIM

604588

UniProt ID

Q96PY6

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