

Recombinant Human NEK1 protein, GST-tagged

Cat. No. NEK1-301539H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEK1 (557-740 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys557-Asp740
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	KRKEAYEREKKVWEEHLVAKGVKSSDVSPPLGQHETGGSPSKQQMRSVISVTSAL KEVGVDSSLTDTRETSEEMQKTNNAISSKREILRRLNENLKAQEDEKKGKQNLSDTFE INVHEDAKEHEKEKSVSSDRKKWEAGGQLVIPLDELTLDTSFSTTERHTVGEVIKLGP NGSPRAWGKSPTD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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

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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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