

Recombinant Human NEK7 protein, His&GST-tagged

Cat. No. NEK7-761H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEK7 protein(NP_003461.2) (Met1-Ser 302) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-302 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.5, 0.5mM Reduced Glutathione, 0.5mM PMSF.
Molecular Mass	The recombinant human NEK7/GST chimera consists of 539 amino acids and has a calculated molecular mass of 62.4 kDa. It migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [NEK7 NIMA \(never in mitosis gene a\)-related kinase 7 \[Homo sapiens \]](#)

Official Symbol [NEK7](#)

Synonyms [NEK7](#); [NIMA \(never in mitosis gene a\)-related kinase 7](#); [serine/threonine-protein kinase Nek7](#); [nimA-related protein kinase 7](#); [never in mitosis A-related kinase 7](#);

Gene ID [140609](#)

mRNA Refseq [NM_133494](#)

Protein Refseq [NP_598001](#)

MIM [606848](#)

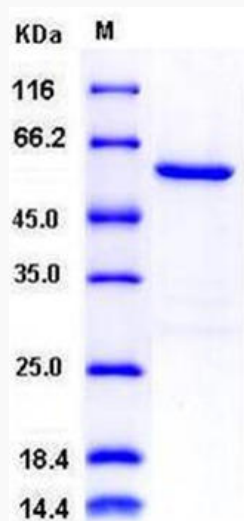
UniProt ID [Q8TDX7](#)

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SDS-PAGE



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