

# Recombinant Human NEK7 protein(Met1-Ser302), His&GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human NEK7 (NP_598001.1) (Met1-Ser 302) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-302 a.a.
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.5, 0.5mM Reduced Glutathione, 0.5mM PMSF Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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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