

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]
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Official Symbol	NEK7
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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;
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Gene ID	140609
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mRNA Refseq	NM_133494
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Protein Refseq	NP_598001
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MIM	606848
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UniProt ID	Q8TDX7
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