

Recombinant Mouse NEK3 protein(Met1-Ala509), His&GST-tagged

Cat. No. NEK3-924M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NEK3 (ABK42288.1) (Met 1-Ala 509) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	1-509 a.a.
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerol
Bio-activity	The specific activity was determined to be 8 nmol/min/mg using MBP as substrate.
Molecular Mass	The secreted recombinant mouse NEK3/GST chimera consists of 746 amino acids and has a calculated molecular mass of 84.8 kDa. The recombinant protein migrates as an approximately 72 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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	Nek3 NIMA (never in mitosis gene a)-related expressed kinase 3 [Mus musculus]
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Official Symbol	NEK3
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Synonyms

NEK3; NIMA (never in mitosis gene a)-related expressed kinase 3; serine/threonine-protein kinase Nek3; nimA-related protein kinase 3; NIMA-related expressed kinase 3; never in mitosis A-related kinase 3;

Gene ID	23954
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mRNA Refseq	NM_001162947
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Protein Refseq	NP_001156419
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