

**Catalog No.: RP03446LQ** **Recombinant**

Species	Gene ID	Swiss Prot
Human	23043	O9UKE5

No tag

TNIK; KIAA0551; TRAF2 and NCK-interacting protein kinase

Source	Purification
Baculovirus-Insect Cells	≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

34.8 kDa                      30-40 kDa

< 1 EU/μg of the protein by LAL method.

Supplied as a 0.22 µm filtered solution in 50 mM HEPES, 150 mM NaCl, 1 mM DTT, 10% glycerol. (pH 7.5). Contact us for customized product form or formulation.

Please use running water to thaw it quickly.

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TRAF2 and NCK-interacting protein kinase is an enzyme that in humans is encoded by the TNK1 gene. TNK1 is involved in various cellular processes, including signal transduction, gene transcription, and cytoskeletal organization. As an emerging area of therapeutic research, TNK1 inhibitors have shown potential in addressing a range of diseases, including cancer, neurological disorders, and inflammatory conditions.

Recombinant Human TNK Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Asp11-Gly314) of Human TNK (Accession #Q9UKE5) fused with No tag.

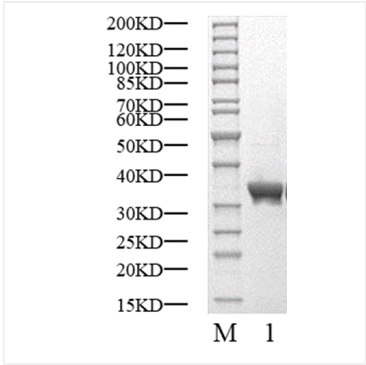
The activity of TNIK is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Store at -70°C. This product is stable at  $\leq -70^{\circ}\text{C}$  for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

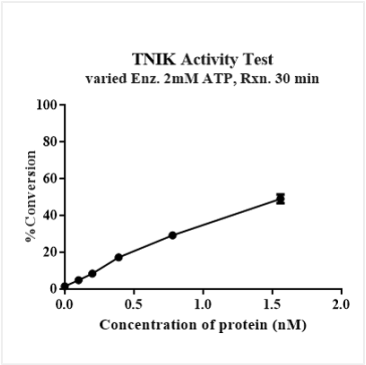
Aliquots below 10  $\mu$ L are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.

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Validation Data



Recombinant Human TNIK Kinase was resolved with SDS-PAGE under reducing (Lane 1) conditions.



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