# **Recombinant Human TNIK Kinase**

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Catalog No.: RP03446LQ Recombinant

# **Sequence Information**

Species Gene ID Swiss Prot Human 23043 09UKE5

Tags

No tag

**Synonyms** 

TNIK; KIAA0551; TRAF2 and NCK-interacting protein kinase

# **Product Information**

Source Purification

Baculovirus-Insect ≥ 90 % as

Cells determined by SDSPAGE;≥ 90 % as
determined by
HPLC.

Calculated MW Observed MW

34.8 kDa 30-40 kDa

**Endotoxin** 

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

# **Formulation**

Supplied as a 0.22  $\mu$ m 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.

### Reconstitution

Please use running water to thaw it quickly.

## **Contact**

6	400-999-6126
$\times$	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

# **Background**

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

#### **Basic Information**

#### **Description**

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

### **Bio-Activity**

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.

### **Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -70°C. This product is stable at  $\leq$  -70°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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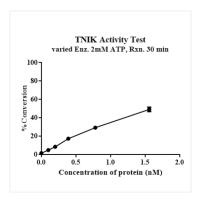
#### **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

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



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