

Recombinant Human TNIK Kinase

Catalog No.: RP03446LQ

Sequence Information

Species **Gene ID**
Human 23043

Swiss Prot **Tags**
Q9UKE5 No tag

Synonyms

TNIK; KIAA0551; TRAF2 and NCK-interacting protein kinase

Product Information

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

Reconstitution

Please use running water to thaw it quickly.

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.

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

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

Operational Notes

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

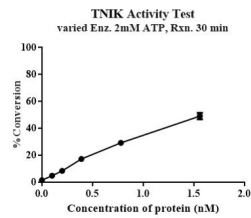
Contact

☎ | 400-999-6126

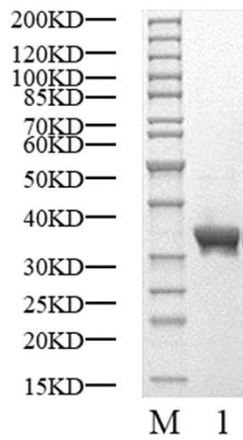
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



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.



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