

Recombinant Human LTK/TYK1 Kinase

Catalog No.: RP03334LQ

Sequence Information

Species	Gene ID
Human	4058
Swiss Prot	Tags
P29376	N-GST

Synonyms

LTK; TYK1; Leukocyte tyrosine kinase receptor

Product Information

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

Calculated MW Observed MW

72.9 kDa 60-75 kDa

Endotoxin

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

Formulation

Supplied as a 0.22 μm filtered solution in 50 mM Tris-HCl, 500 mM NaCl, 20% glycerol, 5 mM DTT, 0.1 M Trehalose. (pH 7.5). Contact us for customized product form or formulation.

Reconstitution

Please use running water to thaw it quickly.

Background

Leukocyte receptor tyrosine kinase (LTK) is a member of the ALK/LTK receptor family of receptor tyrosine kinases (RTKs). Closely related to the insulin receptor family of RTKs. Tyrosine-specific phosphorylation of proteins is a key to the control of diverse pathways leading to cell growth and differentiation. And LTK has been shown to interact with IRS-1, Shc, and PIK3R1.

Basic Information

Description

Recombinant Human LTK/TYK1 Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Lys450-Ser864) of Human LTK (Accession #P29376) fused with a N-GST tag.

Activity

The activity of LTK 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.

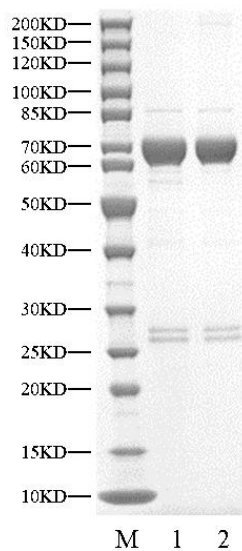
Contact

☎ | 400-999-6126

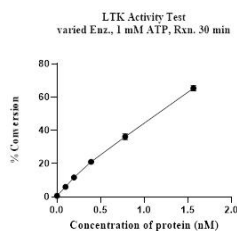
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Validation Data



Recombinant Human LTK/TYK1 Kinase was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



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