

## Mouse LTK Potein

Cat. No. LTK-MM101

### Description

<b>Source</b>	Recombinant Mouse LTK Potein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile17-Pro421.
<b>Accession</b>	P08923-1
<b>Molecular Weight</b>	The protein has a predicted MW of 42.61 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

### Formulation and Storage

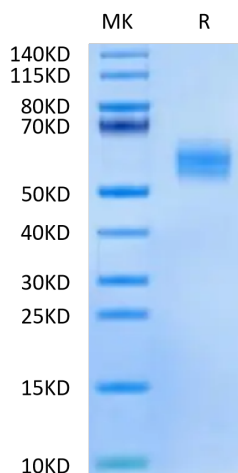
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

### Background

Leukocyte tyrosine kinase (LTK) is a receptor tyrosine kinase that belongs to the insulin receptor family. LTK is mainly expressed in pre B cells and brain.

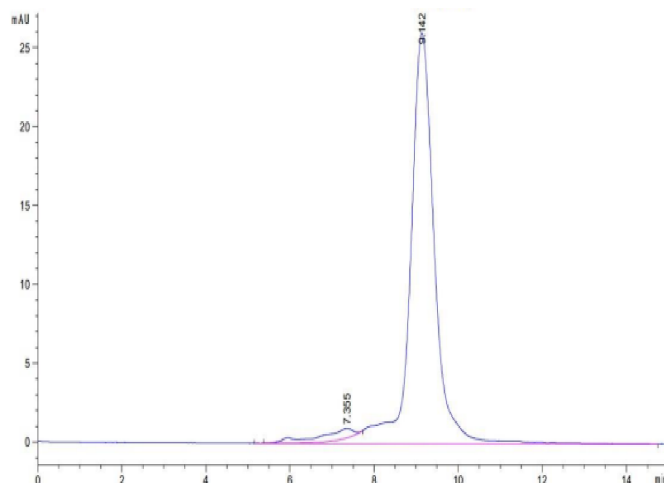
### Assay Data

#### Tris-Bis PAGE



Mouse LTK on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

#### SEC-HPLC



The purity of Mouse LTK is greater than 95% as determined by SEC-HPLC.