

Human LTK Protein

Cat. No. LTK-HM101



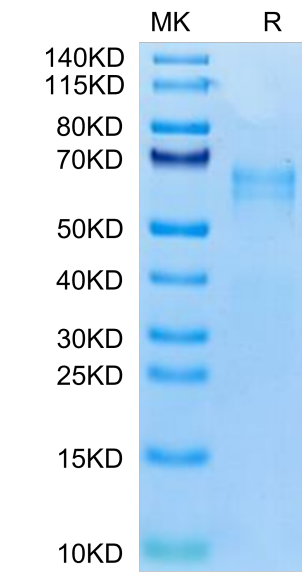
| Description | |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Source | Recombinant Human LTK Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile17-Pro424. |
| Accession | P29376-1 |
| Molecular Weight | The protein has a predicted MW of 42.31 kDa. Due to glycosylation, the protein migrates to 58-70 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

| Formulation and Storage | |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Formulation | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Reconstitution | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| Storage | -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3-6 months 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

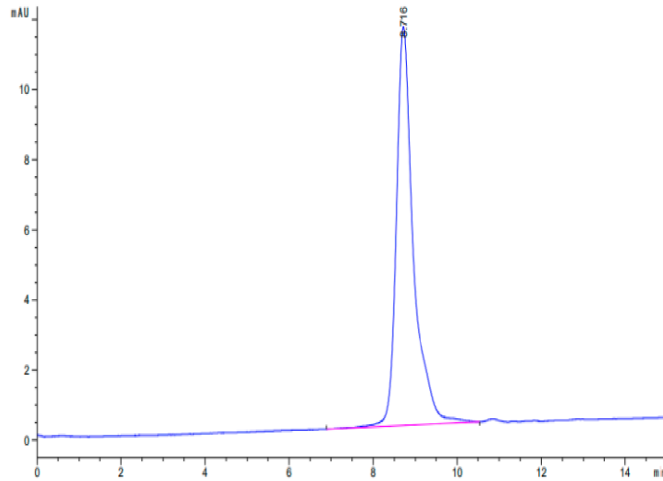
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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