

Datasheet for ABIN7275220
LTK Protein (AA 17-424) (His tag)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	LTK
Protein Characteristics:	AA 17-424
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTK protein is labelled with His tag.

Product Details

Purpose:	Human LTK Potein
Sequence:	Ile17-Pro424
Characteristics:	Recombinant Human LTK Potein is expressed from HEK293 with His tag at the C-Terminus.It contains Ile17-Pro424.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LTK
Alternative Name:	LTK (LTK Products)

Target Details

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.
Molecular Weight:	42.31 kDa. Due to glycosylation, the protein migrates to 58-70 kDa based on Tris-Bis PAGE result.
Pathways:	RTK Signaling

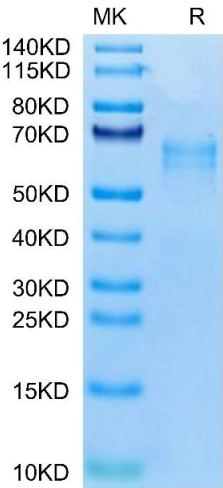
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human LTK on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human LTK is greater than 95 % as determined by SEC-HPLC.

