

Datasheet for ABIN7317054

**TLK1 Protein (GST tag,His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	TLK1
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TLK1 protein is labelled with GST tag,His tag.

## Product Details

Purpose:	Recombinant Human TLK1/PKU-beta Protein (His & GST Tag)(Active)
Sequence:	Met 1-Tyr 766
Characteristics:	A DNA sequence encoding the human TLK1 isoform 1 (Q9UKI8-1) (Met 1-Tyr 766) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 88 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	The specific activity was determined to be 1.6 nmol/min/mg using Histone H3 protein as substrate.

## Target Details

Target:	TLK1
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# Target Details

Alternative Name:	TLK1/PKU-beta ( <a href="#">TLK1 Products</a> )
Background:	<p>Background: The protein encoded by this gene is a serine/threonine kinase that may be involved in the regulation of chromatin assembly. The encoded protein is only active when it is phosphorylated, and this phosphorylation is cell cycle-dependent, with the maximal activity of this protein coming during S phase. The catalytic activity of this protein is diminished by DNA damage and by blockage of DNA replication. Three transcript variants encoding different isoforms have been found for this gene.</p> <p>Synonym: KIAA0137,PKU-beta</p>
Molecular Weight:	114 kDa

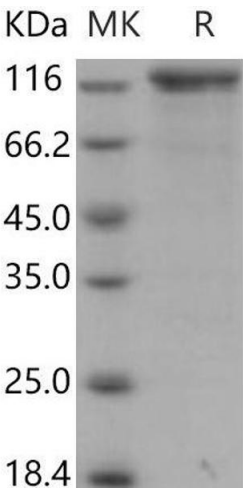
# Application Details

Restrictions:	For Research Use only
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# Handling

Format:	Frozen, Liquid
Buffer:	Supplied as sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

# Images



**Western Blotting**

**Image 1.**