

Datasheet for ABIN7196191

**IP6K1 Protein (GST tag,His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	IP6K1
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IP6K1 protein is labelled with GST tag,His tag.

## Product Details

Purpose:	Recombinant Human IHPK1 Protein (His & GST Tag)
Sequence:	Met 1-Gln 441
Characteristics:	A DNA sequence encoding the human IHPK1 (Q92551-1) (Met1-Gln441) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	IP6K1
Alternative Name:	IHPK1 ( <a href="#">IP6K1 Products</a> )
Background:	Background: IHPK1 is a inositol hexaphosphate kinase (IHPK) protein which belongs to the inositol phosphokinase (IPK) family. IHPK proteins are likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5).

## Target Details

IHPK1 may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. During cell death, IHPK1 activity is enhanced, and intracellular InsP7 level is augmented. The distribution of IHPK1 or another predisposing gene affected by position effect of translocation may explain the T2DM phenotype at least in this family.

Synonym: IHPK1, PiUS

Molecular Weight: 78 kDa

## Application Details

Restrictions: For Research Use only

## Handling

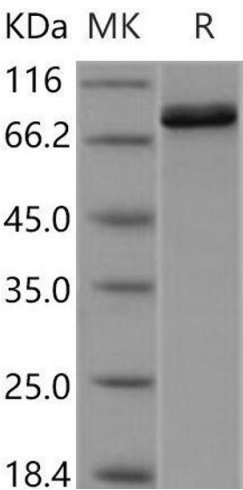
Format: Frozen, Liquid

Buffer: Supplied as sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 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.