

# Human STK16/PKL12 (His & NusA Tag) recombinant protein



Catalog Number: 500856

## General Information

### Gene Name Synonym

Myristoylated and palmitoylated serine/threonine-protein kinase; Protein kinase PKL12; TGF-beta-stimulated factor 1; Tyrosine-protein kinase STK16; hPSK

### Protein Construction

A DNA sequence encoding the native human STK16 (AAH02618.1) (Met 1-Ile 305) was fused with the polyhistidine-tagged NusA tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Kinase activity untested

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

## Molecular Mass

The recombinant human STK16/NusA chimera consisting of 820 amino acids and has a calculated molecular mass of 92 kDa. It migrates as an 105 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Supplied as sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

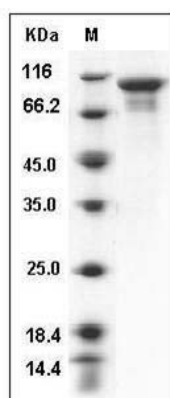
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human STK16 / PKL12 / MPSK Protein (His & NusA Tag) SDS-PAGE