

# Human DAPK3/ZIPK (GST Tag) recombinant protein



Catalog Number: 502198

## General Information

### Protein Construction

A DNA sequence encoding the full length of human DAPK3 (NP\_001339.1) (Met 1-Arg 454) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

### QC Testing

#### Activity

The specific activity was determined to be 5 nmol/min/mg using MBP as substrate.

#### Purity

> 85 % as determined by SDS-PAGE

#### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

#### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

#### Predicted N terminal

Met

#### Molecular Mass

The recombinant human DAPK3/GST chimera

consists of 678 amino acids and predicts a molecular mass of 79 kDa. It migrates as an approximately 70 kDa band in SDS-PAGE under reducing conditions.

#### Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, 10mM GSH, 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

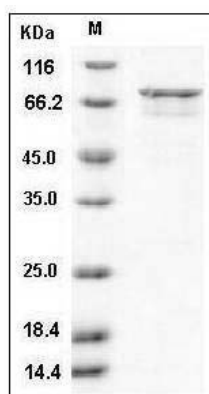
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 DAPK3 / ZIPK Protein (GST Tag) SDS-PAGE