

# Human CDKN2D/p19ink4d (GST Tag) recombinant protein



Catalog Number: 501067

## General Information

### Gene Name Synonym

p19-INK4d

### Protein Construction

A DNA sequence encoding the human CDKN2D (P55273) (Met 10Leu 166) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Immobilized human GST-CDKN2D at 10 µg/ml (100 µl/well) can bind biotinylated human GST-CDK4 (Cat:501272), The  $EC_{50}$  of biotinylated human GST-CDK4 (Cat:501272) is 0.52-1.2 µg/ml.

### Purity

> 90 % 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 CDKN2D/GST chimera consists of 400 amino acids and has a predicted molecular mass of 44.9 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.

## Formulation

Lyophilized from sterile PBS, pH 7.5  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

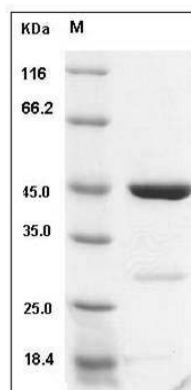
### Storage

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 CDKN2D / p19ink4d Protein (GST Tag)  
SDS-PAGE