

## General Information

### Gene Name Synonym:

### Protein Construction:

1-303 aa encoded by NM\_000075 was inserted into PET28a vector

**Source:** Human

**Expression Host:** E. coli

## QC Testing

### Activity:

Not tested.

### Purity:

### Endotoxin:

Please contact the lab for more information.

### Stability:

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

### Predicted N terminal:

### Molecular Mass:

### Formulation:

Protein lyophilized in sterile PBS (58 mM Na<sub>2</sub>HPO<sub>4</sub>, 17 mM NaH<sub>2</sub>PO<sub>4</sub>, 68 mM NaCl, 300 mM Imidazole, pH 8.0). Trehalose (5-8%) and

mannitol (5-8%) protectants were added before lyophilization.

## Usage Guide

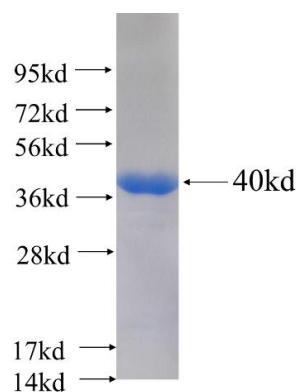
### Storage:

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:

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

### SDS-PAGE:



Recombinant human CDK4(Full length) SDS-PAGE