

# Human DDR1/MCK10/CD167 (His Tag) recombinant protein



Catalog Number: 501668

## General Information

### Gene Name Synonym

CD167 antigen-like family member A; Cell adhesion kinase; Discoidin receptor tyrosine kinase; HGK2; Mammary carcinoma kinase 10; Protein-tyrosine kinase 3A; Protein-tyrosine kinase RTK-6; TRK E; Tyrosine kinase DDR; Tyrosine-protein kinase CAK

### Protein Construction

A DNA sequence encoding the extracellular domain of human DDR1 isoform b (NP\_001945.3) (Met 1-Thr 416) was expressed, with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % 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

Asp 19

## Molecular Mass

The recombinant human DDR1 consists of 409 amino acids and has a calculated molecular mass of 45.7 kDa. The apparent molecular mass of rh DDR1 is approximately 55-60 kDa in SDS-PAGE under reducing conditions due to glycosylation.

## Formulation

- Lyophilized from 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

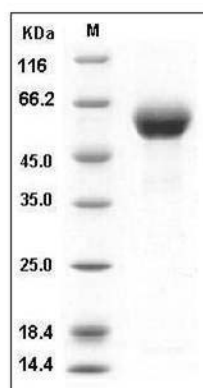
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  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 DDR1 Kinase / MCK10 / CD167 Protein (His Tag) SDS-PAGE