

# Mouse DDR1/MCK10/CD167 (Fc Tag) recombinant protein



Catalog Number: 503188

## General Information

### Gene Name Synonym

CD167 antigen-like family member A; Cell adhesion kinase; Discoidin receptor tyrosine kinase; Protein-tyrosine kinase MPK-6; Tyrosine kinase DDR; Tyrosine-protein kinase CAK

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse DDR1 (NP\_766550.1) (Met 1-Thr 414) was fused with the Fc region of human IgG1 at the C-terminus

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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 20

### Molecular Mass

The secreted recombinant mouse DDR1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 636 amino acids and has a calculated molecular mass of 71 kDa. As a result of glycosylation, the apparent molecular mass of rmDDR1/Fc monomer is approximately 80-90 kDa in SDS-PAGE under reducing conditions.

### 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

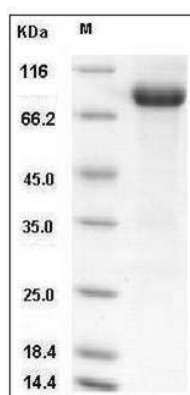
### Storage

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



Mouse DDR1 Kinase / MCK10 / CD167 Protein (Fc Tag) SDS-PAGE