

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



Catalog Number: 502025

## General Information

### Gene Name Synonym

Discoidin domain receptor family, member 1, isoform CRA\_a; Epithelial discoidin domain-containing receptor 1

### Protein Construction

A DNA sequence encoding the rat DDR1 (Q6MG19) (Met1-Thr413) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### 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 recombinant rat DDR1/Fc is a disulfide-linked

homodimer. The reduced monomer comprises 635 amino acids and has a predicted molecular mass of 70.9 kDa. The apparent molecular mass of the protein is approximately 71 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

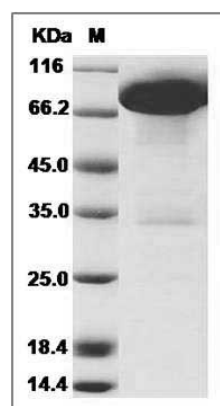
### Storage

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



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