

Rat DDR1/MCK10/CD167 (His Tag) recombinant protein



Catalog Number: 503646

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 a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Asp 20

Molecular Mass

The recombinant rat DDR1 comprises 405 amino acids and predicts a molecular mass of 45.3 kDa. The apparent molecular mass of the recombinant protein is approximately 52 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

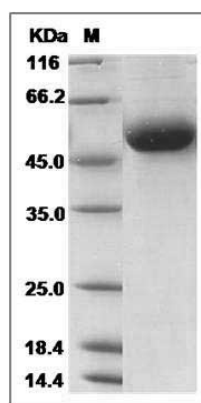
Storage

Store it under sterile conditions at -20°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



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