

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 μ 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°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

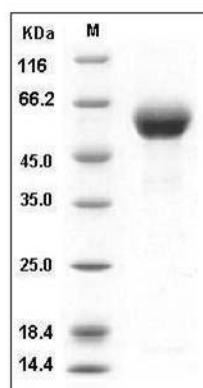
Storage

Store it under sterile conditions at -20°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



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