

Mouse DDR2/CD167b (His Tag) recombinant protein



Catalog Number: 500912

General Information

Gene Name Synonym

CD167 antigen-like family member B;
Neurotrophic tyrosine kinase, receptor-related 3;
Receptor protein-tyrosine kinase TKT; Tyrosine-
protein kinase TYRO10

Protein Construction

A DNA sequence encoding the extracellular domain of mouse DDR2 (NP_072075.2) (Met 1-Arg 399) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind rat tail Collagen I in a functional ELISA.

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

Lys 22

Molecular Mass

The recombinant mouse DDR2 consists of 389 amino acids and has a predicted molecular mass of 44 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm DDR2 is approximately 80-90 kDa 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

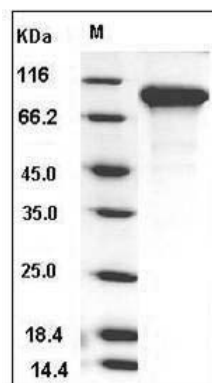
Storage

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



Mouse DDR2 Kinase / CD167b Protein (His Tag)
SDS-PAGE