

Mouse CD226/DNAM-1 (His Tag) recombinant protein



Catalog Number: 502060

General Information

Gene Name Synonym

CD226 antigen, isoform CRA_b; Dnam-1

Protein Construction

A DNA sequence encoding the mouse DNAM1 (NP_848802.2) extracellular domain (Met 1-Pro 254) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized mouse DNAM1 at 2 µg/ml (100 µl/well) can bind mouse CD155 with a linear range of 6.4-160 ng/ml.

Purity

> 97 % 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

Glu 19

Molecular Mass

The recombinant mouse DNAM1 consists of 247 amino acids and has a predicted molecular mass of 28.2 kDa. As a result of glycosylation, the apparent molecular mass of rm DNAM1 is approximately 43 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

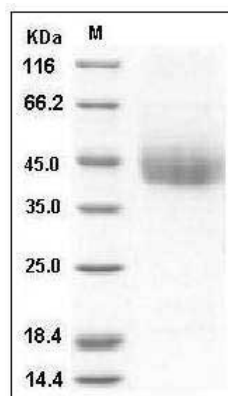
Storage

Store it under sterile conditions at -20°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 CD226 / DNAM-1 Protein (His Tag) SDS-PAGE