

General Information

Gene Name Synonym

Protein Cd226

Protein Construction

A DNA sequence encoding the rat CD226 (D3ZS97) (Met1-Ile265) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Immobilized rat PVR-His (Cat:502502) at 10 µg/ml (100 µl/well) can bind rat CD226-Fc, The EC₅₀ of rat CD226-Fc is 0.41-0.97 µg/ml.

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

Glu 32

Molecular Mass

The recombinant rat CD226/Fc is a disulfide-linked homodimer. The reduced monomer comprises 475 amino acids and has a predicted molecular mass of 53.6 kDa. The apparent molecular mass of the protein is approximately 62-68 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

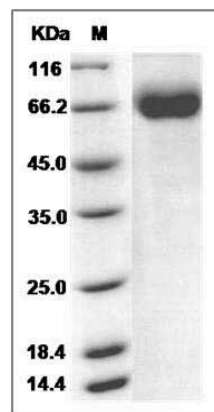
Storage

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



Rat CD226 / DNAM-1 Protein (Fc Tag) SDS-PAGE