

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Asn 343) of human CD155 (NP_006496.3) was expressed with the C-terminal fused Fc region of human IgG1.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized human DNAM1 at 2 µg/ml (100 µl/well) can bind human CD155-Fc with a linear ranger of 0.032-0.8 µg/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

Trp 21

Molecular Mass

The recombinant human CD155/Fc is a disulfide-linked homodimer. The reduced monomer consists of 561 amino acids and predicts a molecular mass of 61.8 kDa. As a result of glycosylation, the rhCD155/Fc monomer migrates as approximately 95-105 kDa band 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

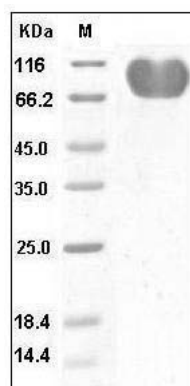
Storage

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



Human CD155 / PVR / NECL5 Protein (Fc Tag)
SDS-PAGE