# Human CD155/PVR (His Tag) recombinant protein

Catalog Number: 504559



# **General Information**

## **Protein Construction**

A DNA sequence encoding the human CD155 isoform a (NP\_006496.3) extracellular domain (Met 1-Asn 343) was fused with a polyhistidine tag at the C-terminus.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Activity**

Measured by its binding ability in a functional ELISA. Immobilized human CD155 at 2  $\mu$ g/ml (100  $\mu$ l/well) can bind human DNAM1 with a linear ranger of 1.28-32 ng/ml.

#### **Purity**

> 97 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}$ C

#### Predicted N terminal

Trp 21

#### **Molecular Mass**

The recombinant human CD155 consists of 334 amino acids and has a predicted molecular mass of 36.5 kDa. As a result of glycosylation, the rhCD155/Fc monomer migrates as approximately 60-65 kDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.5

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

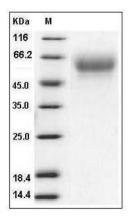
## **Storage**

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 Protein (His Tag) SDS-PAGE