

Human CD177 / PRV-1 / PRV1 (His Tag) recombinant protein



Catalog Number: 503122

General Information

Gene Name Synonym

Human neutrophil alloantigen 2a; NB1 glycoprotein; Polycythemia rubra vera protein 1

Protein Construction

A DNA sequence encoding the human CD177 (AAH29167.1) (Met1-Gly407) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

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

Leu 22

Molecular Mass

The recombinant human CD177 comprises 397 amino acids and has a predicted molecular mass of 42.7 kDa. The apparent molecular mass of the protein is approximately 53 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

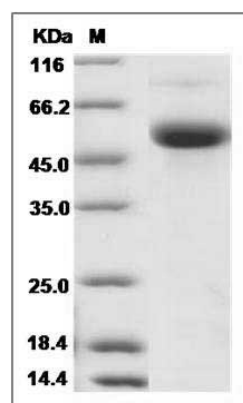
Storage

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



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SDS-PAGE