

CD177 Protein, Human, Recombinant (hFc)

General Information

Synonyms:	NB1;HNA2A;NB1GP;PRV1;PRV-1;HNA-2a;CD177 molecule
Protein Construction:	A DNA sequence encoding the human CD177 (AAH29167.1) (Met1-Gly407) was expressed with the Fc region of human IgG1 at the C-terminus. Predicted N terminal: Leu 22
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q8N6Q3
Molecular Weight:	68.3 kDa (predicted); 68 kDa (reducing conditions)

QC Testing

Biological Activity:	Testing in progress
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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