# Human B7-H3/CD276 (Fc Tag) recombinant protein

Catalog Number: 500005

# **General Information**

#### Gene Name Synonym

4Ig-B7-H3; B7 homolog 3; Costimulatory molecule

# **Protein Construction**

A DNA sequence encoding the human CD276 (NP\_001019907.1) (Met1-Thr461) was expressed with the Fc region of human IgG1 at the C-terminus.

#### Organism

Human

## **Expression Host**

Human Cells

# **QC Testing**

## Purity

> 95 % as determined by SDS-PAGE.

## Endotoxin

 ${<}1.0$  EU per  $\mu g$  protein as determined by the LAL method.

## Stability

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

## **Predicted N terminal**

Gly 27

## **Molecular Mass**

The recombinant human CD276 consists 673 amino acids and predicts a molecular mass of 73.4 kDa.

#### 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**

KDa M 116

66.2

45.0 35.0

25.0

18.4

CD276 protein SDS-PAGE

